

RECORDER'S NO. 38409H RECORDED NOV 26 1973  
FEE \$ 654.40 TIME 11:00 <sup>AM</sup> ~~PM~~ BOOK 257 PAGE 49 to 310 Inclusive  
MARGARET R. EVANS - BOX ELDER COUNTY RECORDER. *Margaret R. Evans*

Filed by: Geothermal - Kinetics Systems Corp.

Pd. By and Return to:  
J. W. Covello, Land Manager  
Geothermal Kinetics Systems Corp.  
2920-H Street, Suite "K"  
Bakersfield, Calif. 93301

NOTICE OF GEOTHERMAL LEASES

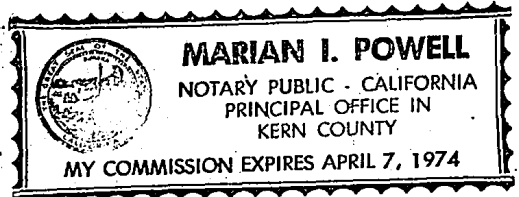
Geothermal-Kinetics Inc., formerly known as Geothermal-Kinetics Systems Corporation, is the Lessee under those certain Geothermal Leases as identified in Exhibit "A", pages 1 to 261 inclusive, attached hereto and made a part hereof.

Dated this 20th day of November, 1973

GEOTHERMAL-KINETICS INC.

By *J. W. Covello*  
J. W. Covello  
Attorney-in-Fact

STATE OF CALIFORNIA }  
County of Kern } ss.



On November 21, 1973, before me, the undersigned, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared J. W. COVELLO, personally known to me to be the person described in and whose name is subscribed to the within instrument, as the Attorney-in-Fact of GEOTHERMAL-KINETICS SYSTEMS CORPORATION and acknowledged to me that he subscribed the name of Geothermal-Kinetics Systems Corporation thereto as principal and his own name as Attorney-in-Fact.

IN WITNESS WHEREOF, I have hereto set my hand and affixed my official seal the day and year in this certificate first above written.

*Inaug.*

*Marian I. Powell*

Nomad 5 - 152 & 152-A

RECORDING REQUESTED BY

EXHIBIT "A"

WHEN RECORDED MAIL TO

38409 A  
NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10<sup>th</sup> day of February, 1973, by and between DOYLE C. ARCHIBALD and ARVA D. ARCHIBALD, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lot 17 in Section 36, Township 11 North, Range 3 West, S1M, described as follows: Beginning at a point 33 feet East of the Southwest corner of said Section 36; thence North 45' West 642.8 feet; thence South 88° 16' East 1369 feet; thence South 1° 06' East 524.7 feet more or less to section line; thence South 86° 56' West 1367.5 feet more or less along section line to point of beginning, containing 18.13 acres.

EXCEPT a strip of land 66 feet wide, containing 0.98 acre more or less, conveyed to Utah-Idaho Sugar Company, a corporation, by deed recorded June 14, 1918 in Book 13 page 212 of Deeds.

Parcel 2: Beginning at a point 902.5 feet South of the Northeast corner of Section 36, Township 11 North, Range 3 West, S1M; thence South 480 feet; thence West 1562 feet; thence North 21° 58' West 118 feet; thence North 89° 32' East 604.1 feet; thence North 77° 47' East 202.1 feet; thence North 68° East 867.5 feet to point of beginning, containing 8.16 acres.

Parcel 3: Beginning at a point 2 rods North of the Southwest corner of the Southeast quarter of Section 26, Township 11 North, Range 3 West, S1M; running thence North 1287 feet; thence East 1625 feet; thence South 1287 feet; thence West 1625 feet to the point of beginning, containing 48.02 acres.

Containing 73.63 acres, more or less.

D.A. A.D.A. [Signature]

ABST'D. IN BOOK 3 OF Sec. PAGE 26-11-3 ✓  
36-11-3 ✓

11-3  
RECORDING REQUESTED BY

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15<sup>th</sup> day of February, 1973, by and between ARTHUR ERICKSON and NORMA N. ERICKSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The North half of the Southwest quarter of the Northeast quarter and the North half of the Southeast quarter of the Northwest quarter of Section 25, Township 11 North, Range 3 West, SLM.

EXCEPT the following: Beginning at a point which is 80 rods East and 80 rods South of the Northwest corner of said Section 25; thence South 40 rods; thence East 52 rods; thence North 40 rods; thence West 52 rods to point of beginning.

ALSO EXCEPT that certain 0.53 acre portion of the North half of the Southwest quarter of the Northeast quarter of said Section 25 conveyed to the State Road Commission of Utah by deed dated December 2, 1959 and recorded in Book 135 page 234, Records of Box Elder County.

Parcel 2: The South half of the Southeast quarter of the Northwest quarter and the South half of the Southwest quarter of the Northeast quarter of Section 25, Township 11 North, Range 3 West, SLM.

Containing 66.45 acres, more or less.

*Handwritten initials/signature*

ABSTRACT IN BOOK 3 OF Sec PAGE 25-11-3 ✓

RECORDING REQUESTED BY

38409H  
NOV 26 1973

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 8<sup>th</sup> day of February, 19 73, by and between STANLEY D. JENSEN, also known as Stanley Duane Jensen and ROMAINE D. JENSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1479 feet West of the Northeast corner of the Southeast quarter of Section 35, Township 11 North, Range 3 West, SLM, and thence running South 1320 feet; thence West 1144.5 feet; thence North 1320 feet; thence East 1144.5 feet to beginning, containing 35 acres.

Parcel 2: Beginning at a point 41 rods North of the Southwest corner of the Southeast quarter of Section 35, Township 11 North, Range 3 West, SLM; thence running North 39 rods; thence East 80 rods; thence South 39 rods; thence West 80 rods to beginning, less road, containing 19.25 acres.

Parcel 3: Beginning at the Northeast corner of Section 36, Township 11 North, Range 3 West, SLM; thence South 902.5 feet; thence South 68° West 867.5 feet; thence South 77° 47' West 202.1 feet; thence South 89° 32' West 604.1 feet; thence North 28° 54' West 561.6 feet; thence North 19° West 144.3 feet; thence North 4° 8' West 103.7 feet; thence North 3° 54' East 389 feet; thence North 27° 52' East 119.8 feet; thence North 55° 6' East 65.9 feet; thence North 89° 36' East 1795 feet to beginning.

EXCEPT the following: Beginning at a point located South 1104.8 feet and West 1701.6 feet from the Northeast corner of the Northeast quarter of said Section 36, said point of beginning being on Grantors' West property line; thence North 53° 02' East 194.4 feet; thence North 56° 32' 13" West 123.14 feet; thence South 53° 02' 23" West 138.4 feet to West line of Grantors' property; thence South 28° 54' East 117.0 feet along said West line to the point of beginning, containing 0.44 acre.

Parcel 4: Beginning at a point 880.5 feet South of the Northwest corner of Section 31, Township 11 North, Range 2 West, SLM; thence North 89° 36' East 2988.5 feet, South 31° 15' West 1412.7 feet, South 82° 41' West 110 feet, North 70° 48' West 1202 feet, South 85° 8' West 820.5 feet, South 63° 51' West 339.5 feet to West line of section, North 1845.7 feet to beginning, containing 59.60 acres.

EXCEPT those parcels heretofore conveyed to the State Road Commission of Utah for freeway and for roadside park and rest stop.

Parcel 5: Beginning at a point 1382.5 feet South of the Northeast corner of Section 36, Township 11 North, Range 3 West, SLM; thence South 190 feet, West 1480 feet, North 21° 58' West 208 feet, East 1562 feet to beginning. Containing 6.70 acres.

Parcel 6: Beginning at a point 1572.5 feet South of the Northeast corner of Section 36, Township 11 North, Range 3 West, SLM; running thence South 123 feet; thence South 56° 6' West 160 feet; thence West 1286 feet; thence North 12° 32' West 200 feet; thence North 21° 58' West 24 feet; thence East 1480 feet to point of beginning, containing 6.70 acres.



Parcel 7: Beginning at the Northwest corner of Section 31, Township 11 North, Range 2 West, SIM; thence running South 880.5 feet; thence East 3099.7 feet; thence North 31° 15' East 281 feet; thence North 23° 57' West 633.2 feet; thence South 89° 36' West 2988.5 feet to the point of beginning, containing 59.6 acres more or less.

EXCEPT those parcels heretofore conveyed to the State Road Commission of Utah for freeway and for roadside park and rest stop.

Containing 193.47 acres, more or less.

*J.O.J. R.S.J. [Signature]*

ABST'D. IN BOOK 3 OF Sec PAGE 31-11-2 ✓  
35-11-3 ✓  
36-11-3

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 54

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14<sup>th</sup> day of February, 1973, by and between DOUGLAS N. HOLMGREN and ELIZABETH J. HOLMGREN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Beginning at a point 1147.5 feet East of the Southwest corner of Section 35; thence running North 356 feet; thence West 1147.5 feet; thence North 2284 feet; thence East 2640 feet; thence South 2640 feet; thence West 1492.5 feet to point of beginning.

Containing 150.62 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

BOOK 257 PAGE 55

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of FEBRUARY, 1973, by and between ALFRED CALVIN JENSON AND SHIRLEY N. JENSON, HIS WIFE

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Northwest corner of the East half of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM; running thence North 88° 50' East 1182 feet along section line; thence South 2° West 794 feet; thence North 88° 35' West 1155 feet; thence North 741 feet to the place of beginning, containing 20.56 acres, more or less.

THIS IS EXCEPTED FROM THIS LEASE ALL OIL, NATURAL GAS AND OTHER MINERALS NOT ASSOCIATED WITH GEOHERMAL ENERGY.

Containing 20.56 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that: A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

BOOK 257 PAGE 56

WHEN RECORDED MAIL TO

38409H  
NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of February, 1973, by and between ALVIN R. JEPSON and ELDENE V. JEPSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 33 feet West and 33 feet North of the Southeast corner of Section 21, Township 10 North, Range 3 West, S1M, and running thence West 495 feet; thence North 2607 feet; thence East 495 feet; thence South 2607 feet to the point of beginning.

Parcel 2: Beginning at a point 528 feet West and 33 feet North of the Southeast corner of Section 21, Township 10 North, Range 3 West, S1M, and running thence West 495 feet; thence North 2807 feet; thence East 495 feet; thence South 2607 feet to the point of beginning.

Parcel 3: Beginning at a point 33 feet West and 2640 feet North of the Southeast corner of Section 21, Township 10 North, Range 3 West, S1M, and running thence West 601 feet; thence North 1727 feet to the East line of a canal referred to in the deed recorded in Book 52 page 562 of Deeds; thence North 40° 02' East 934.3 feet along the East line of said canal; thence South 2443 feet to the point of beginning.

EXCEPTING THEREFROM a strip of land 75 feet wide contiguous to and parallel with the center line of said canal.

Parcel 4: Beginning at a point 634 feet West and 2640 feet North of the Southeast corner of Section 21, Township 10 North, Range 3 West, S1M, and running thence West 1451 feet to the East line of a canal referred to in the deed recorded in Book 52 page 562 of Deeds; thence North 40° 02' East 2255.8 feet along the East line of said canal; thence South 1727 feet to the point of beginning.

EXCEPTING THEREFROM a strip of land 75 feet wide contiguous to and parallel with the center line of said canal.

ACREAGE: 116.72 acres more or less according to Assessor

*Alvin R. Jepson*  
*E. V. Jepson*

ABSPD. IN BOOK 5 OF Sec 21-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 57

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25 day of January, 1973, by and between JOHN M. HARDY and ALVA WEST HARDY, also known as Alva Hardy, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All that part of the South half of the Northwest quarter of Section 17, Township 10 North, Range 2 West, SLM, lying West of the Hammond Canal, less a strip of land 2 rods wide on and along the North side, containing 39.38 acres more or less.

Parcel 2: Beginning 730 feet South of Northeast corner of Southeast quarter of Section 18, Township 10 North, Range 2 West, SLM; thence North 89° 30' West 2843.5 feet; thence South 26° 15' East 640 feet; thence South 33° 5' East 223 feet; thence East 2436.3 feet; thence North 753.5 feet to beginning.

Containing 84.97 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 58

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27 day of January, 1973, by and between INA S. LARSEN, a widow;  
~~and OREGON SHORT LINE RAILROAD COMPANY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 81 rods North and 93.873 rods West of the Southeast corner of Section 17, Township 10 North, Range 2 West, SLM; thence running West 1098 feet; thence North 1627 feet; thence East 1098 feet; thence South 1627 feet to beginning.

Parcel 2: Beginning at a point 3.10 chains West and 5 chains North of the Southeast corner of the Northeast quarter of Section 17, Township 10 North, Range 2 West, SLM; thence running West 36.90 chains; thence North 64° 54' West 8.56 chains; thence North 19° 17' East 1.92 chains; thence North 80° 20' East 42.62 chains to the West bank of Salt Creek; thence South 8° 30' East 12.57 chains along said bank to beginning.

Containing 79.31 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 59

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 29<sup>th</sup> day of JANUARY, 1973, by and between VAY S. JENSEN and VIDA B. JENSEN, his wife; ~~and OREGON SHORT LINE RAILROAD COMPANY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northwest corner of the Southwest quarter of Section 17, Township 10 North, Range 2 West, SLM; thence East along section line 160 rods; thence South 30 rods; thence West 160 rods; thence North 30 rods to the place of beginning, containing 30 acres more or less.

ALSO: Beginning at the Southeast corner of the Northwest quarter of said Section 17; thence running West 0.60 chains more or less to the right of way of Baker's Spur Extension; thence Northwest along said right of way 14.20 chains more or less to road; thence South 64° 54' East 17.26 chains more or less along said road; thence South 4.81 chains to place of beginning, containing 9.50 acres more or less.

Parcel 2: A strip of land 66 feet wide situate in and being all that part of the Southwest quarter of Section 17, Township 10 North, Range 2 West, SLM, being parallel with and 20 feet in width, measured at right angles and/or radially, on the Southwesterly side and 46 feet in width, measured at right angles and/or radially, on the Northeasterly side of the hereinafter described center line of main track of Urban Branch of the Oregon Short Line Railroad Company, as formerly constructed and operated, and extending Southeasterly from the North line of said Southwest quarter of Section 17 to a straight line that is parallel with and 495 feet distant South; measured at right angles from the North line of said Southwest quarter.

ALSO: A strip of land 20 feet wide situate in and being all that part of Lot 3 in said Section 17, being bounded on the Southwesterly side by said hereinafter described center line of main track of said Railroad Company as formerly constructed and operated, on the Northeasterly side, by a line that is parallel with and 20 feet distant Northeasterly, measured at right angles and/or radially, from said center line of main track as formerly constructed and operated, on the Northorly side by a straight line that forms an angle of 64° 54' from North to Northwest with the East line of said Lot 3 at a point thereon that is 317.46 feet distant North from the Southeast corner of said Lot 3, measured along said East line, and on the South by the South line of said Lot 3.



Said center line of main track of Urban Branch of said Railroad Company as formerly constructed and operated being described as follows: Beginning at a point on the North line of said Lot 3 that is 1360 feet more or less distant East from the Northwest corner thereof, measured along said North line; thence Southeasterly along a straight line which forms an angle of  $65^{\circ} 07'$  from East to Southeast with said North line of Lot 3 a distance of 574.8 feet to a point in said straight line that forms an angle of  $64^{\circ} 54'$  from North to Northwest with the East line of said Lot 3; thence continuing Southeasterly along said straight line which forms an angle of  $65^{\circ} 07'$  from East to Southeast with said North line of Lot 3, a distance of 280.1 feet to a point; thence Southeasterly along a curve to the left having a radius of 2864.9 feet and which is tangent at its point of beginning to the end of the last described line, a distance of 657.1 feet to a point in the South line of said Lot 3, that is 605 feet more or less distant West from the Southeast corner thereof, measured along said South line; thence continuing Southeasterly along said curve to the left a distance of 337.9 feet to a point; thence Southeasterly along a straight line which is tangent to the end of the last described curve, a distance of 282.9 feet to a point; thence Southeasterly along a curve to the right having a radius of 3819.8 feet and which is tangent at its point of beginning to the end of the last described line, a distance of 63.2 feet to a point in said straight line that is parallel with and 495 feet distant South, measured at right angles, from the North line of said Southwest quarter of Section 17.

The above described strips of land being a part of those certain strips or parcels of land heretofore conveyed to the Oregon Short Line Railroad Company by the Amalgamated Sugar Company by deed dated September 24, 1918 and recorded in Book 13 page 489, Deed Records of Box Elder County.

ACREAGE: 39.50 acres more or less, PLUS strips in Parcel 2 *h*

ASSTD. IN BOOK 5 OF Sec PAGE 17-10-2 ✓



RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 61

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25 day of January, 1973, by and between ~~CHARLES CHECKETTS~~  
~~Grace D. Checketts, a widow (Seller)~~  
JOHN M. HARDY AND ALVA W. HARDY, his wife (Buyer)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Commencing at a point which is 1 rod West of the Southeast corner of Lot 7 in Section 18, Township 10 North, Range 2 West, SLM, and running thence North 89° 35' West 3000 feet more or less to Bear River, the Southwest corner of said Lot 7; thence North 20° East to a point which is due West of a point 660 feet North of the Southeast corner of said Lot 7; thence East to a point which is 1 rod West from the East line of said Lot 7; thence South 660 feet to the place of beginning.

Containing 43.5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 62

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of FEBRUARY, 1973, by and between A. CALVIN JENSON and SHIRLY N. JENSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of all that part of Section 13, Township 10 North, Range 3 West, SLM, lying South and West of the Malad River.

Containing 35.0 ~~31.34~~ acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

THERE IS EXCEPTED FROM THIS LEASE ALL OIL, NATURAL GAS AS THE SAME IS RELATED TO HYDROCARBON SUBSTANCES AND OTHER MINERALS NOT ASSOCIATED WITH GEOHERMAL ENERGY

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 63

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>th</sup> day of JANUARY, 1973, by and between JEWELL D. NELSON and REVA J. NELSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All of Lot 13 in Section 19 and all of Lot 3 in Section 20, all in Township 10 North, Range 2 West, SLM, containing 67 acres more or less.

Parcel 2: Beginning at a point North 0° 11' West 1559.3 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence running East 1050.59 feet; thence North 34° 40' East 243.22 feet; thence North 46° 12' East 655.3 feet; thence North 49° 11' East 577.5 feet; thence North 56° 16' East 127.45 feet; thence West 2212.31 feet; thence South 0° 11' East 1105.52 feet to beginning, less reservations, containing 39.41 acres.

Parcel 3: Beginning at a point 4490 feet North and 3456 feet East from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence North 3° 15' West 314 feet; thence North 9° 06' West 431 feet; thence North 44° 23' West to North section line of said Section 30; thence East 1059 feet to the Bear River; thence meandering Bear River South 21° 30' West 1050 feet; thence South 73° 30' West 73 feet; thence North 78° 00' West 325 feet to beginning, containing 14.5 acres more or less.

Parcel 4: Beginning at a point 3171 feet East from the Southwest corner of Section 19, Township 10 North, Range 2 West, SLM; thence North 44° 23' West 448 feet; thence North 17° 2' West 285 feet; thence North 34° 6' West 275.9 feet to Bear River; thence meandering Bear River South 72° 00' East 410 feet; thence North 67° 55' East 300 feet; thence North 51° 30' East 845 feet; thence South 1333 feet to section line; thence West 775.2 feet to beginning. Containing 22 acres. Being part of Lot 12 of said Section 19.

Parcel 5: Beginning at a point which is North 36° 49' 43" East 4468.5 feet (North 3574.8 feet and East 2681.1 feet) from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, said point on the East right of way line of the County Road; thence North 915 feet; thence North 54° 49' East 200.46 feet; thence South 73° 54' East 94.85 feet; thence South 48° 17' East 253.6 feet; thence South 72° 21' East 709.8 feet to Bear River; thence South 78° 43' East 290 feet along the Bear River; thence South 70 feet; thence West 390 feet to center line of canal; thence South 1° 00' West 70 feet along said center line; thence South 25° West 230 feet; thence South 32° West 394 feet; thence South 34° West 338 feet along said center line; thence West 518 feet; thence North 398 feet to beginning, containing 25.4 acres.

Parcel 6: From the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, running North 36° 49' 43" East 4468.5 feet; thence North 906 feet; thence East 407 feet to point of beginning; thence North 16° 20' East 49 feet; thence South 79° 10' East 697 feet; thence North 73° 30' East 73 feet; thence South 30° 20' East 164 feet; thence South 7° 40' West 100 feet; thence North 78° 43' West 78 feet; thence North 72° 21' West 709.8 feet; thence North 49° 17' West 115 feet to point of beginning, containing 2.75 acres.

Parcel 7: Commencing at pt. 5329.8 feet North and 2096.12 feet East of the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; running thence South  $58^{\circ} 54'$  East 334.3 feet; thence South  $39^{\circ} 34'$  East 513.1 feet; thence South  $48^{\circ} 36'$  East 161.4 feet; thence South  $81^{\circ} 34'$  East 77.15 feet; thence South  $73^{\circ} 59'$  East 429 feet; thence North  $23^{\circ} 43'$  East 190.9 feet; thence South  $84^{\circ} 45'$  West 269.4 feet; thence North  $59^{\circ} 04'$  West 416 feet; thence North  $37^{\circ} 25'$  West 450.5 feet; thence North  $58^{\circ} 27'$  West 471.3 feet; thence South 162.9 feet to point of beginning, containing 4.856 acres more or less.

Parcel 8: Beginning at a point 4490 feet North and 3456 feet East from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence North  $78^{\circ} 10'$  West 130 feet; thence North  $23^{\circ} 43'$  East 190.9 feet; thence North  $16^{\circ} 7'$  East 120 feet; thence South  $3^{\circ} 15'$  East 314 feet to beginning. A

Parcel 9: Beginning at a point on section line 150 feet East of the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; running thence North  $14^{\circ} 56' 31''$  West 294.64 feet; thence North  $70^{\circ} 25'$  East 245.8 feet; thence South  $89^{\circ} 35'$  East about 285 feet to the West bank of Bear River; thence Southerly along said river to the South line of said Section 30; thence West along section line 431.55 feet to point of beginning, containing 3.72 acres.

Parcel 10: Beginning at a point North  $0^{\circ} 11'$  West 3018.92 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence North  $0^{\circ} 11'$  West 1970.01 feet to Spring Creek Gulch; thence South  $58^{\circ} 14'$  East 392.3 feet; thence South  $42^{\circ} 43'$  East 427.1 feet; thence South  $57^{\circ} 31'$  East 187.6 feet; thence South  $67^{\circ} 31'$  East 439.3 feet; thence South 1180.92 feet; thence West 1181.12 feet to point of beginning, containing 41.56 acres more or less.

Parcel 11: Beginning at a point North  $0^{\circ} 11'$  West 3178.74 feet and East 4781.0 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, said point being 2100 feet East from the East right of way line of the County Road; thence North 355 feet; thence East 450 feet more or less (521 feet) to the East line of Section 30; thence South 2647 feet along section line to Bear River; thence North  $55^{\circ} 35'$  West 497 feet; thence North  $51^{\circ} 49'$  West 407 feet; thence North 440 feet; thence North  $81^{\circ}$  East 324 feet; thence North 262 feet; thence North  $88^{\circ}$  West 191 feet; thence North  $11^{\circ}$  East 436 feet; thence North 565 feet to point of beginning, containing 30.5 acres.

ACREAGE: 252.196 acres more or less

*J. D. A.*

ABST'D. IN BOOK 5 OF Sec PAGE 19-10-2 ✓

20-10-2 ✓

30-10-2 ✓

RECORDING REQUESTED BY

BOOK 257 PAGE 65

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>TH</sup> day of JANUARY, 1973, by and between KENNETH B. NELSON and JOAN N. NELSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at a point situate North 4390.66 feet and East 1103.30 feet from the Southwest corner (as reestablished by Deputy Koeber in 1892) of Section 30, Township 10 North, Range 2 West, SLM; running thence North 75° 43' West 5.7 feet; thence North 66° 43' West 399.0 feet; thence North 50° 54' West 88.0 feet; thence North 41° 37' West 409.0 feet; thence North 61° 28' West 240.55 feet; thence North 14° 02' West 742.5 feet to a fence; thence along said fence North 1° 12' 40" West 874.5 feet; thence South 56° 56' East 341.9 feet; thence South 44° 56' East 196.8 feet; thence South 72° 51' East 195.4 feet; thence South 30° 29' East 155.5 feet; thence South 59° 54' East 99.3 feet; thence South 35° 30' East 24.4 feet; thence South 34.44 feet; thence South 35° 30' East 183.21 feet; thence South 73° 38' East 205.79 feet; thence South 48° 08' East 35.66 feet; thence South 0° 00' 32" East 1377.56 feet to the point of beginning, containing 35.623 acres more or less.

Parcel 2: Commencing at the same point as the last above described tract and running thence South 0° 00' 32" East 166.05 feet; thence North 67° 31' West 370.9 feet; thence North 57° 31' West 187.6 feet; thence North 42° 43' West 427.0 feet; thence North 58° 14' West 392.3 feet to a fence; thence along said fence North 1° 34' 32" East 759.05 feet; thence South 14° 02' East 742.5 feet; thence South 61° 28' East 240.55 feet; thence South 41° 37' East 409.0 feet; thence South 50° 54' East 88.0 feet; thence South 66° 43' East 399.0 feet; thence South 75° 43' East 5.7 feet to beginning, containing 8.09 acres more or less.

Parcel 3: From the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, running North 0° 11' West 3039.92 feet; thence East 1181.19 feet; thence North 1159.92 feet to the Spring Creek Gulch, the point of beginning; thence South 67° 31' East 144.4 feet; thence South 81° 39' East 257 feet; thence North 77° 18' East 386.8 feet; thence North 56° 26' East 279 feet; thence North 66° 30' East 254.4 feet; thence South 67° 26' East 101.4 feet; thence North 53° East 180.6 feet to the West side of the road; thence North 400 feet more or less to the South line of the County Road; thence following the South side of said road in a Northwesterly direction to the Northeast corner of Serell Nelson's land in Section 19, said Township and Range; thence South 1225 feet more or less to the Southeast corner of the land of Serell Nelson; thence South 67° East 100 feet more or less to the point of beginning.

ACREAGE: 73.0 ~~69.603~~ acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 19-10-2  
30-10-2

*K. B. N.*  
*J. N. N.*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 66

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 26<sup>TH</sup> day of JANUARY, 1973, by and between ARZELLA N. BOSLEY and THOMAS G. BOSLEY, her husband

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Commencing at a point North 5492.7 feet and East 2096.12 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, and running thence South 58° 27' East 471.3 feet; thence South 37° 25' East 450.5 feet; thence South 59° 04' East 416 feet; thence North 84° 45' East 269.4 feet; thence North 16° 07' East 120.4 feet; thence North 09° 06' West 431 feet; thence North 44° 23' West 728 feet; thence North 17° 02' West 285.7 feet; thence North 34° 08' West 275.9 feet; thence North 82° 28' West 160.25 feet; thence North 79° 12' West 365.6 feet; thence South 859 feet to the point of beginning, containing 26.1 acres more or less.

Containing 26.1 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 67

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27<sup>th</sup> day of JANUARY, 1973 by and between MELVIN F. NELSON and MELTRUDE A. NELSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point North 0° 11' West 3039.92 feet and East 1181.19 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence running North 1159.92 feet to South Spring Creek Gulch; thence South 67° 31' East 141.4 feet; thence South 81° 39' East 257 feet; thence North 77° 18' East 386.8 feet; thence North 56° 26' East 279 feet; thence North 66° 30' East 254.4 feet; thence South 67° 26' East 101.4 feet; thence North 53° 35' East 180.6 feet to West side of road; thence South 1477.58 feet along said road; thence West 1467.01 feet to beginning, containing 40.95 acres.

Containing 40.95 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Lessee shall have no obligation to produce or to pay royalties on any such production.



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 68

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>th</sup> day of JANUARY, 1973, by and between EARL B. NELSON and JOYCE S. NELSON, his wife, each to an undivided 1/2 interest

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at a point North 0° 11' West 2664.82 feet from the Southwest corner (as reestablished by Deputy Koeber in 1892) of Section 30, Township 10 North, Range 2 West, SLM; running thence East 2212.31 feet; thence North 56° 16' East 174.15 feet; thence North 69° 21' East 245 feet; thence North 83° 53' East 56 feet; thence North along the West side of a roadway 165 feet; thence West 2643.21 feet; thence South 0° 11' East 354.09 feet to point of beginning, containing 20.35 acres.

Parcel 2: Commencing on East side of a roadway at a point situate North 0° 11' West 3178.74 feet and East 2688.71 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence East 1260.3 feet; thence South 737.63 feet; thence North 68° 39' West 496 feet; thence North 20° 40' East 25 feet; thence North 67° 33' West 217 feet; thence North 73° 08' West 390 feet; thence North 86° 20' West 235 feet; thence North 322.61 feet to point of beginning, containing 14.16 acres more or less.

Parcel 3: Commencing at a point North 0° 11' West 2601.42 feet and East 3488 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM; thence South 68° 39' East 969 feet; thence South 682 feet; thence North 48° 20' West 736.5 feet; thence North 39° 16' West 597 feet; thence North 16° 10' East 87 feet to beginning, containing 9 acres more or less.

Parcel 4: Beginning at a point 3178.75 feet North and 3200 feet East from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, said point being 518 feet East from the East right of way line of the County Road and at the center line of the canal; thence North 34° East 338 feet; thence North 32° East 394 feet; thence North 25° East 230 feet; thence North 1° East 70 feet; this point being the center line of the canal; thence East 390 feet; thence North 70 feet to Bear River; thence South 78° 43' East 73 feet along river; thence South 86° 20' East 707.7 feet along river; thence North 87° 35' East 159.5 feet; thence North 81° East 200.74 feet more or less (281.5) to the East line of Section 30; thence South 595 feet; thence West 450 feet more or less (521 feet) to a point 2100 feet East from the East right of way line of County Road; thence South 355 feet; thence West 1582 feet to beginning, containing 33.6 acres.

Parcel 5: Beginning at a point North 0° 11' West 3178.74 feet and East 3948.9 feet from the Southwest corner of Section 30, Township 10 North, Range 2 West, SLM, said point being 1267 feet East from the County Road; thence East 833 feet; thence South 565 feet; thence South 11° West 436 feet; thence South 88° East 191 feet; thence South 262 feet; thence South 81° West 324 feet; thence South 440 feet; thence North 48° 20' West 235 feet along the Bear River; thence North 692 feet; thence North 68° 39' West 479 feet; thence North 730.3 feet, containing 21.7 acres more or less.



EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 2343.45 feet North and 4217.8 feet East from the Southwest corner of said Section 30, said point being on the North right of way line of a road; thence running North 37 feet to the South bank of a ditch; thence North  $67^{\circ} 30'$  East 211 feet; thence South  $71^{\circ} 30'$  East 331 feet; thence South  $11^{\circ} 00'$  West 182 feet; thence North  $76^{\circ} 30'$  West 134 feet, this point being on the North right of way line of a road; thence North  $68^{\circ} 39'$  West 380.5 feet to the point of beginning, containing 1.85 acres more or less.

ACREAGE: 86.96 acres more or less

*C.B. 77,  
J.S. 72. N*

ABST'D. IN BOOK 5 OF Sec PAGE 30-10-2 ✓

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 70

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27<sup>th</sup> day of January, 1973, by and between DALE H. BURT, also known as Dale Burt, and FRANCES R. BURT, also known as Frances Burt, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning 33 feet East and 1557.5 feet North of the Southwest corner of Section 8, Township 10 North, Range 2 West, SLM; thence East 2014.3 feet, North 25° 18' East 1213 feet to center line of section running East and West; thence West 2544 feet to a point 33 feet East of West section line; thence South 1102.5 feet to beginning, containing 57.68 acres, more or less.

Containing 57.68 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 71

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 26<sup>th</sup> day of January, 1973, by and between CLINTON W. BURT and VITA R. BURT, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 801 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 33 feet North and 303 feet East of the Southwest corner of Section 8, Township 10 North, Range 2 West, SIM, and running thence East 1012 feet; thence North 25° 18' East 1677 feet; thence West 2014.3 feet more or less to a point 33 feet East of the West line of said section; thence South 1308.5 feet; thence East 270 feet; thence South 216 feet to the place of beginning, containing 57.18 acres more or less.

Parcel 2: Beginning at a point 33 feet North and 33 feet East of the Southwest corner of Section 8, Township 10 North, Range 2 West, SIM; thence East 270 feet; thence North 216 feet; thence West 270 feet; thence South 216 feet to beginning, containing 1.30 acres.

Parcel 3: Beginning at a point 78 rods East and 2 rods North of the Southwest corner of Section 8, Township 10 North, Range 2 West, SIM; thence North 25° 18' East 177 rods; thence East 164.36 rods; thence South 160 rods; thence West 240 rods; thence North 2 rods to beginning, containing 204.50 acres more or less.

ALSO: The North 5 rods of Section 17, Township 10 North, Range 2 West, SIM, lying East of the County Road.

EXCEPTING THEREFROM that certain 12.50 acre parcel conveyed to the State Road Commission of Utah, being a tract of land for highway known as Project No. 15-8 situated in the Northeast quarter of the Southeast quarter and Lot 4 of Section 8, Township 10 North, Range 2 West, SIM. Said tract of land is contained within two side lines parallel to and at distances of 120.0 feet Southwesterly and 120.0 feet Northeasterly from the center line of survey of said project.

Said center line is described as follows: Beginning at the intersection of the East line of said Section 8 and said center line of survey at Engineers Station 2132+83 which point is approximately 607 feet North along said East line from the Southeast corner of said Section 8; thence North 26° 59' 30" West 2268 feet to the intersection of said center line of survey at Engineers Station 2155+51 and the North line of said Northeast quarter of Southeast quarter, which point is approximately 305 feet East along said North line from the Northwest corner of said Northeast quarter of Southeast quarter as shown on the official map of said project on file in the office of the State Road Commission of Utah. Above described tract of land contains 12.50 acres.

ACREAGE: 262.50 C.W.B. V.R.B. *[Signature]* acres more or less

ABSTD. IN BOOK 5 OF Seq PAGE 8-10-2  
17-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 72

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of FEBRUARY, 1973, by and between JENSON SHIRLEY A. CALVIN JENSEN and SHERLEY N. JENSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northeast corner of Section 20, Township 10 North, Range 2 West, SLM; thence running South 35 rods to a point directly East of partition fence between the lands of Alfred C. Jensen and James P. Jensen, Jr.; thence West on a line with said fence 160 rods; thence North 35 rods to the Northwest corner of the Northeast quarter of said section; thence East along the section line to the point of beginning, containing 35 acres more or less, less rights of way for railroad and County Road.

Parcel 2: Beginning at a point 583.2 feet South and 33 feet West of the Northeast corner of Section 20, Township 10 North, Range 2 West, SLM; thence North 89° 50' West 923.3 feet to railroad right of way; thence South 31° 30' East 91 feet; thence East 883 feet; thence North 76.8 feet to point of beginning, containing 1.6 acres.  
Containing 34.76 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
- (b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

THERE IS EXCEPTED FROM THIS LEASE ALL OIL, NATURAL GAS, AND OTHER HYDROCARBON SUBSTANCES, AND OTHER MINERALS NOT ASSOCIATED WITH GEOHERMAL ENERGY.

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 73

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 29<sup>th</sup> day of JANUARY, 1973, by and between VAY S. JENSEN and VIDA B. JENSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1.66 chains West of the Northeast corner of the Southeast quarter of Section 20, Township 10 North, Range 2 West, SLM; thence running South 22° East 4.43 chains; thence South 15.87 chains; thence West 14.95 chains; thence North 29° East 4.50 chains; thence North 12° East 6.30 chains; thence North 6° 15' West 4.24 chains; thence North 8° East 5.73 chains; thence East 9.37 chains to the point of beginning, and containing, less right of way of Hammond Canal, 23.75 acres more or less.

Parcel 2: Beginning at a point 10.60 chains North of the Southeast corner of Section 20, Township 10 North, Range 2 West, SLM; thence running West 22.18 chains; thence North 3.65 chains; thence North 64° East 6.01 chains; thence North 29° East 3.65 chains; thence East 14.95 chains; thence South 9.40 chains to point of beginning, containing, less right of way of Hammond Canal, 16.25 acres more or less.

ACREAGE: 40 acres more or less

*V.S.J.*  
*V.B.J.*

ABSTD. IN BOOK 5 OF Seq PAGE 20-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 74

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 20<sup>th</sup> day of FEBRUARY, 1973, by and between ORSON DE VERL BARKER and CAROL T. BARKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Commencing at the Southeast corner of the Southwest quarter of Section 20, Township 10 North, Range 2 West, SLM; thence running North 0° 35' East 563 feet; thence North 70° 06' West 203 feet; thence North 62° 27' West 558 feet; thence South 58° 35' West 400 feet; thence South 77° 24' West 380 feet; thence South 73° 25' West 502 feet; thence South 65° 42' West 292 feet; thence South 44° 35' West 470 feet; thence East 2474 feet to point of beginning, containing 32.50 acres, more or less.

Containing 32.50 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
- (b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec. PAGE 20-10-2

Page 25

RECORDING REQUESTED BY

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 75

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 1st day of FEBRUARY, 1973, by and between FRANK NEIL JENSON and ILA T. JENSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 2846 feet North and 1353 feet West of the Southeast corner of Section 7, Township 10 North, Range 2 West, SLM; running thence South along Hammond Canal right of way 2813 feet to the County Road; thence West 1017 feet; thence North 55° 50' West 52 feet; thence North 271 feet; thence West 221 feet; thence North 150 feet to Bear River; thence Northerly along said river to a point approximately 726 feet to point of beginning; thence East approximately 726 feet to the point of beginning.

EXCEPTING THEREFROM the tract beginning at a point 1614 feet West and 940 feet North of said section corner; running thence West 347 feet; thence North 35° 22' East 140 feet; thence East 271 feet; thence South 107 feet to the point of beginning.

ALSO EXCEPTING THEREFROM that portion of said tract of land conveyed by Orestus Jenson and wife to Oliver C. Stevens and wife by deed recorded August 15, 1946 in Book 54 page 65, described as follows: Beginning at a point 160 rods West, 217 feet North of the Southeast corner of said Section 7, on North side of County Road; running thence Southeast along said road 322 feet; thence North 146 feet; thence West 186 feet; thence Northeast along ditch 268 feet; thence West 113 feet; thence South 227 feet to point of beginning.

Parcel 2: Beginning at the Northwest corner of the Northeast quarter of Section 18, Township 10 North, Range 2 West, SLM; running thence North 128 feet; thence South 55° 50' East 288 feet; thence East 238 feet; thence South 1300 feet; thence West 472 feet; thence North 1333 feet to the point of beginning, containing 14.78 acres.

ACREAGE: 62.69 acres more or less

*F.N.J.*  
*I.T.J.*

ABST'D. IN BOOK 5 OF Sec PAGE 7-10-2  
18-10-2



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 76

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 31<sup>st</sup> day of January, 1973, by and between VARSEL L. CHLARSON and RUTH H. CHLARSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The Northeast quarter of the Northeast quarter and Lots 1 and 5 of Section 7, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM a strip of land 170 feet wide on and along the South side of said Lot 5.

Containing 114.2 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RESTD. IN BOOK 5 OF Sec PAGE 7-10-21

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RECORDING REQUESTED

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 77

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 29<sup>TH</sup> day of JANUARY, 1973, by and between LA RENE MARY BRAEGGER, a married woman as her sole and separate property

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 2 rods North and 2 rods West of the Southeast corner of Section 7, Township 10 North, Range 2 West, SLM; running thence West 1287 feet to Hammond Canal right of way; thence North 1611 feet; thence East 1287 feet to County Road; thence South 682 feet; thence West 121 feet; thence South 180 feet; thence East 121 feet; thence South 749 feet to point of beginning, containing 47.60 acres, more or less.

Containing 47.60 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK 5 OF Sec PAGE 7-10-2 ✓

*Page 28*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 78

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>TH</sup> day of FEBRUARY, 1973, by and between SAMUEL L. FORSGREN, JR.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The Northeast quarter of Section 28, Township 10 North, Range 3 West, S1M.

Containing 160 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 79

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the <sup>18<sup>th</sup></sup> day of FEBRUARY, 1973, by and between ALBERT BURT, also known as Albert W. Burt and A. W. Burt, and BETTY G. BURT, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northeast corner of Section 33, Township 10 North, Range 3 West, SLM; thence West 3426 foot more or less; thence South 1320 feet more or less; thence East 3426 feet more or less to the East line of said Section 33; thence North 1320 feet more or less along said East line to the point of beginning, containing 105 acres more or less.

ALSO: Beginning at the Southeast corner of Section 28, Township 10 North, Range 3 West, SLM; thence running West along section line 3493 feet; thence North 780 feet more or less to the Central Pacific Railway Company right of way; thence South along said right of way 75° 24' East to the East line of said Section 28; thence South 51 feet to the place of beginning, containing 29.69 acres more or less.

Parcel 2: Commencing 4 rods East and 2 rods North of the Southwest corner of Section 28, Township 10 North, Range 3 West, SLM; thence North 1250 feet; thence South 74° 41' East 1300 feet; thence South 905 feet; thence West 75 rods to the point of beginning. Containing 31.09 acres more or less.

ALSO: Beginning 2 rods North and 80 rods West of the Southeast corner of the Southeast quarter of the Southwest quarter of Section 28, Township 10 North, Range 3 West, SLM; thence North 900 feet; thence South 75° 02' East 487 feet; thence South 780 feet; thence West 467 feet to the point of beginning, containing 9 acres more or less.

ACREAGE: 174.78 acres more or less

ABST'D. IN BOOK 5 OF See PAGE 28-10-3 ✓  
33-10-3 ✓ A.W.B.  
B.B.B.

RECORDING REQUESTED

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 80

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>TH</sup> day of JANUARY, 1973, by and between

C. R. CLARK and JUNE G. CLARK, his wife, (Vendor)
JEWELL D. NELSON and REVA J. NELSON, his wife, (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 36: All that part of the East half of said section lying North of the C.P.R.R. right of way and West of the Malad Railroad right of way, subject to right of way for County Road (Utah Highway 83).

Containing 114.5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 81

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>th</sup> day of JANUARY, 1973, by and between

~~JENNIE R. CUTLER, a widow, and~~ (Vendor)  
JEWELL D. NELSON and REVA J. NELSON, his wife, (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 801 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at the Northeast corner of Section 36, Township 10 North, Range 3 West, SLM, and running thence West 2245 feet to Malad Valley Branch of O.S.L. Railroad; thence South 29° 28' East 2346 feet along said Railway; thence East 1077 feet; thence North 2040 feet to the point of beginning.

Less 5 acres in the Northeast corner described as follows: Commencing at the Northeast corner of said Section 36 and running thence West 53.33 rods; thence South 15 rods; thence East 53.33 rods; thence North to point of beginning.

ALSO EXCEPTING THEREFROM that 4.44 acre parcel deeded to Box Elder County in Book 24 page 39 of Deeds, and that 2.0 acre parcel deeded to Box Elder County in Book 27 page 91 of Deeds.

Parcel 2: Beginning at a point 2040 feet South and 24.75 feet West of the Northeast corner of Section 36, Township 10 North, Range 3 West, SLM, and running thence West 969.75 feet more or less to the State Highway; thence Southwest along East line of highway, which line is 5 rods distant from the East line of the O.S.L. Railroad right of way, to a point 355.25 feet West and 2990.8 feet South of the Northeast corner of said section; thence East 330.50 feet; thence South 391.4 feet; thence Southeast along the East line of the State Highway 24.75 feet more or less to section line; thence North along West line of County Road 1513 feet to beginning.

EXCEPTING THEREFROM that 0.98 acre parcel deeded to Box Elder County in Book 24 page 313 of Deeds.

ACREAGE: 75.26 acres more or less according to Assessor

*J.D.N.  
R.J.N.*

ASFD. IN BOOK 5 OF Sec PAGE 36-10-3 ✓

RECORDING REQUESTED Y

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 82

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>ND</sup> day of FEBRUARY, 1973, by and between JESSE B. NICHOLAS and CLEONE F. NICHOLAS, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 36: All that part of the West half of the Southeast quarter of said section lying South of the right of way of Central Pacific Railroad Company. Excepting rights of way.

Containing 45 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee), of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RESTD. IN BOOK 5 OF Sec PAGE 36-10-3 ✓



RECORDING REQUESTED BY

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 83

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 31<sup>st</sup> day of January, 1973, by and between GEORGE N. WATANABE, also known as George Watanabe, and SUEKO WATANABE, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The Northwest quarter of the Northwest quarter of Section 8, Township 10 North, Range 2 West, SLM, less 1 acre for County Road, Containing 39 acres more or less

ALSO, the Southwest quarter of the Northwest quarter of said Section 8, less 1 acre for County Road, containing 39 acres.

Containing 78 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK 5 OF Sec PAGE 8-10-2 ✓

RECORDING REQUESTED BY

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 84

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 13<sup>th</sup> day of February, 1973, by and between LE WAYNE WALKER and GRACE N. WALKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southeast corner of Section 4, Township 10 North, Range 2 West, SLM; thence West to the West line of the Southeast quarter of the Southeast quarter of said Section 4; thence North 352 feet; thence North 61° 15' East 1068 feet; thence South 32° 50' East 262.5 feet; thence North 72° 30' East 240 feet; thence South 703 feet to point of beginning.

Parcel 2: Beginning at a point 1320 feet West and 90 feet North from the Southeast corner of Section 4, Township 10 North, Range 2 West, SLM; thence South 69° 20' West 157 feet; thence South 65° 30' West 135 feet; thence South 55° 10' West 402 feet; thence North 43° 00' West 80 feet; thence North 23° West 114 feet; thence South 60° 41' West 436 feet to State Highway; thence North 24° 40' West 25 feet; thence North 60° 41' East 436 feet; thence North 23° West 14 feet; thence North 61° 00' East 815 feet; thence South 260.5 feet to beginning.

Containing 23.4 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDED IN BOOK 5 OF Sec PAGE 4-10-2

Page 35



RECORDING REQUESTED BY

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 85

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14th day of February, 19 73, by and between VARSEL L. CHLARSON and RUTH H. CHLARSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 2807 feet North of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 53° 32' West 448.4 feet; thence North 31° 55' West 165 feet; thence South 53° 25' West 518 feet to County Road; thence North 30° 30' West 497.5 feet; thence North 55° 1' East 1361.5 feet; thence South 377 feet; thence South 28° 52' East 320.5 feet; thence South 53° 32' West 195.4 feet to beginning, less road and tract previously deeded to A. Loren Hunsaker, and expressly excepting the following:

Beginning 2372 feet North and 863.8 feet West of the Southeast corner of said Section 9; thence North 30° 38' West 273 feet; thence North 78° 58' East 205 feet; thence South 23° 41' East 203 feet; thence South 53° 25' West 178 feet to beginning. Containing after said exceptions 12.68 acres more or less.

Parcel 2: Beginning 2807 feet North from the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 53° 32' West 448.4 feet; thence North 31° 55' West 165 feet; thence North 53° 32' East 1243 feet more or less to a point on the West line of canal right of way; thence in a Southerly direction along said right of way 242 feet; thence South 53° 32' West 633 feet to beginning, containing 4.25 acres.

Parcel 3: Beginning at a point 4.85 chains West and 22.43 chains North of the Southwest corner of Section 10, Township 10 North, Range 2 West, SLM; thence North 32° 10' West 15.80 chains; thence North 59° 10' East 7.75 chains; thence South 32° 10' East 2.50 chains; thence North 59° 10' East 24.89 chains more or less to the most North corner of land conveyed to John G. Wheatley by deed dated October 19, 1920 and recorded in Book 17 of Deeds page 335, Records of Box Elder County, being that certain parcel of land containing 30.78 acres more or less; thence South 21° 28' East 31.11 chains; thence West 31.69 chains more or less to point of beginning, containing 70.59 acres.

*V.L.C.  
R.H.C.*

ACREAGE: 87.50 acres more or less

ASSESSOR: Book 4 pages 26, 27

ABSPD. IN BOOK 5 OF Sec PAGE 9-10-25  
10-10-25

RECORDING REQUESTED BY

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 86

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of February, 1973, by and between MILTON WHEATLEY and LILY R. WHEATLEY, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence running North 711.4 feet; thence South 55° 05' West 1242.7 feet; thence East 1018.8 feet to beginning.

Parcel 2: Beginning at the Southwest corner of Section 10, Township 10 North, Range 2 West, SLM; thence running North 711.4 feet; thence North 55° 05' East 84 feet; thence South 31° 51' East 896.5 feet; thence West 542 feet to beginning.

Parcel 3: Beginning at a point 962.7 feet South and 1212.2 feet East of the Northwest corner of Section 15, Township 10 North, Range 2 West, SLM; thence North 63° 07' East 1429.3 feet; thence South 16° 23' West 556.1 feet; thence South 52° 08' West 1013.2 feet; thence North 31° 59' West 600.2 feet to the point of beginning, containing 13.59 acres.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 1344.3 feet South and 1475 feet East from the Northwest corner of said Section 15, said point being on the East right of way line of State Road; thence North 62° 30' East 424 feet; thence South 30° 00' East 73 feet; thence South 52° 18' West 422 feet to a point on the East right of way line of State Road; thence North 31° 59' West along said right of way 150 feet to point of beginning, containing 1.07 acres.

Parcel 4: Beginning at the Northwest corner of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running East 160 rods; thence South 20 rods; thence West 160 rods; thence North 20 rods to beginning.

Parcel 5: Beginning at the Northwest corner of Section 15, Township 10 North, Range 2 West, SLM; thence running East 555.8 feet to West side of County Road; thence South 26° 36' East 714 feet; thence South 52° 56' West 1100 feet; thence North 1300 feet to beginning.

Parcel 6: Beginning at a point 68.3 feet West of the Northeast corner of the Southeast quarter of the Northeast quarter of Section 16, Township 10 North, Range 2 West, SLM; thence running West 15.07 chains to R. R.; thence South 24° 35' East 8.80 chains along R. R.; thence North 53° East 13.86 chains to beginning, less R. R.

Parcel 7: The Northeast quarter of the Northeast quarter of Section 16, Township 10 North, Range 2 West, SLM, Less Utah Idaho Sugar A. Tract, exclusive of R. R.

Parcel 8: Beginning at a point South  $84^{\circ} 22'$  West 1115 feet from the Northeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence running South  $58^{\circ} 18'$  East 147 feet; thence South  $55^{\circ} 15'$  West 457 feet; thence North  $24^{\circ} 22'$  West 135 feet; thence North  $54^{\circ} 35'$  East 372 feet to beginning.

Parcel 9: Beginning at the Southeast corner of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running West 80 rods; thence North 6 rods; thence North  $62\frac{1}{2}^{\circ}$  East  $90\frac{1}{2}$  rods; thence South 45 rods to beginning, less R. R.

Parcel 10: Beginning at the Southwest corner of the Southeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running North 11.45 chains; thence North  $63\frac{3}{4}^{\circ}$  East 3.45 chains; thence South  $51\frac{1}{2}^{\circ}$  East 5.70 chains; thence North  $62\frac{1}{4}^{\circ}$  East 16.30 chains; thence South  $43^{\circ}$  East 12 feet; thence South  $62\frac{1}{4}^{\circ}$  West 16.20 chains; thence South  $54\frac{1}{4}^{\circ}$  East 4.68 chains; thence South  $63\frac{1}{4}^{\circ}$  West 8.59 chains; thence South  $16\frac{1}{2}^{\circ}$  East 2.91 chains; thence West 4.69 chains to beginning, containing 8.50 acres.

Parcel 11: The Northeast quarter of the Northwest quarter of Section 22, Township 10 North, Range 2 West, SLM.

Parcel 12: Beginning at the Northwest corner of the Northeast quarter of Section 22, Township 10 North, Range 2 West, SLM; thence running East  $19\frac{1}{3}$  rods; thence South  $16\frac{1}{2}^{\circ}$  East 49 rods; thence South  $88^{\circ} 51'$  West  $33\frac{1}{4}$  rods; thence North  $49\frac{1}{2}$  rods to beginning, less R. R.

Parcel 13: The Northwest quarter of the Northwest quarter of Section 22, Township 10 North, Range 2 West, SLM, lying East of the right of way of the O.S.L.R.R.

ACREAGE: 186.40 acres more or less

M. W.  
L. W. P

ABSTD. IN BOOK 5 OF Sec PAGE 9-10-2 ✓  
 10-10-2 ✓  
 15-10-2 ✓  
 16-10-2 ✓  
 22-10-2 ✓

RECORDING REQUESTED

NOV 26 1973

BOOK 257 PAGE 88

WHEN RECORDED MAIL TO

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 22<sup>ND</sup> day of JANUARY, 1973, by and between LEON P. JENSEN ~~and JAMES~~  
~~JENSEN~~ ~~WIFE~~ ~~WIDOW~~ a widower

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 891.0 feet South and 2213.1 feet West of the Northeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence South 23° 54' East 2754.0 feet; thence North 89° 53' West 2863.8 feet; thence North 0° 33' East 1600.04 feet; thence North 64° 40' East 1494.5 feet; thence North 54° 34' East 469.0 feet to the point of beginning, containing 112.9 acres.

Containing 115.0 ~~112.9~~ acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

#### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

#### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 89

38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 30th day of January, 1973, by and between MORONI R. BOTT AND PRISCILLA G. BOTT, his wife (SELLERS); and ARTHUR J. BOTT AND SHIRLEY N. BOTT, his wife (BUYERS)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lots 3, 4, 5, 6, 27, 28, 29 and 30 in Tract "A" Riverbank Tract situated in Section 29, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM that portion thereof described as follows: Commencing at a point 660 feet East and 16 1/2 feet South from the North quarter corner of Section 29, Township 10 North, Range 2 West, SLM, said point being the Northwest corner of Lot 6, Tract "A" Riverbank Tract in said section; thence East 50 feet; thence South 50 feet; thence West 50 feet; thence North 50 feet to beginning.

Containing 38.94 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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38409H

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 30th day of JANUARY, 1973, by and between HELGAR P. HATCH

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lots 78, 79, 80 and 81 in Tract "A", Riverbank Tract situated in Section 29, Township 10 North, Range 2 West, SLM.

Parcel 2: Lots 1 and 2 in Tract "B", Riverbank Tract in Section 32, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM that portion described as follows: Beginning at a point 130 feet South from the Northeast corner of said Lot 1; thence South 165 feet; thence West 100 feet; thence North 165 feet; thence East 100 feet to the point of beginning.

Containing 29.13 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



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GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21st day of February, 1973, by and between

JACK M. NISOGI and MARY C. NISOGI, his wife, widower

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 3 rods East of the Northwest corner of the Southwest quarter of Section 33, Township 10 North, Range 2 West, SLM; running thence East 67 rods; thence South 26-2/3 rods; thence West 67 rods; thence North 26-2/3 rods to the place of beginning. Containing 11-1/6 acres, more or less.

ALSO, beginning at a point 70 rods East of the Northwest corner of the Southwest quarter of Section 33, Township 10 North, Range 2 West, SLM; thence running East 90 rods; thence South 53-1/3 rods; thence West 90 rods; thence North 53-1/3 rods to the place of beginning. Containing 30 acres, more or less. Containing 41-1/6 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day

of February, 1973, by and between

*MB*  
*Lillian B. Christensen*

TED W. BURT AND

*MBB*  
MARJORIE G. BURT

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Southwest corner of Section 33, Township 10 North, Range 2 West, SLM; thence running North 28 rods; thence East 160 rods; thence South 28 rods; thence West 160 rods to the place of beginning.

Containing 28 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>TH</sup> day of JANUARY, 1973, by and between SYLVIA L. HATCH and HELGAR P. HATCH, her husband.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

- Parcel 1: All that part of Section 29, Township 10 North, Range 2 West, SLM, lying West of Bear River, and containing 100 acres, more or less.
- Parcel 2: All of Lot 9, 10, 11, 24, 25 and 26 of Tract "B" Riverbank Tract in Section 32, Township 10 North, Range 2 West, SLM, containing 31.83 acres, more or less.
- Parcel 3: All of Lots 153 to 167 inclusive of Tract "B" Riverbank Tract situated in the East half of Section 5, Township 10 North, Range 2 West, SLM, containing 67 acres, more or less.

EXCEPTING THEREFROM that 0.02 acre portion thereof heretofore conveyed to the State Road Commission of Utah.

Containing 198.81 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 20<sup>th</sup> day of FEBRUARY, 1973, by and between DE VERL BARKER and CAROL T. BARKER, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1243 feet South of "Section Corner by Agreement" which is 1060 feet South and 4620 feet West of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 340 feet; thence East 1980 feet to East line of Lot 36; thence South 500 feet more or less to a point 160 feet North of the Northeast corner of Lot 62, River Bank Tract "B"; thence West 4500 feet to the River; thence North 49° 11' West 1179.9 feet; thence North 43° 30' West 110 feet; thence East 3500 feet to the point of beginning.

Containing 80 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 31 day of JANUARY, 1973, by and between AMOS E. HATCH and CONNIE W. HATCH, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 854.1 feet South of the Northeast corner of the Northwest quarter of Section 32, Township 10 North, Range 2 West, SLM; thence South 0° 22' West 291.4 feet; thence South 66° 58' West 435.3 feet; thence South 86° 13' West 429.9 feet; thence South 5° 42' East 412.1 feet; thence North 84° 16' East 793.8 feet to the point of beginning, containing 7.17 acres, more or less.  
Parcel 2: Lot 12 of River Bank Tract "B", containing 4.38 acres, more or less.  
Parcel 3: Beginning at a point 1145.5 feet South of the Northeast corner of the Northwest quarter of Section 32, Township 10 North, Range 2 West, SLM; thence South 66° 58' West 435.3 feet; thence South 86° 13' West 295 feet; thence South 1073 feet more or less to Grantor's South line; thence East 700 feet; thence North 1100 feet to the point of beginning, containing 17.90 acres more or less.  
Containing 29.45 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 96

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 30th day of January, 19 73, by and between ~~HENRY R. BOTT~~ and ~~OLIVE ALLEN BOTT, his wife~~ (Seller); and HAROLD W. REEDER and MARY PETERSEN REEDER, his wife (Buyer);

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1303.5 feet North and 2014 feet West of the southeast corner of Section 32, Township 10 North, Range 2 West, SLM; running thence West 1388.6 feet; thence South 1000 feet; thence Southwesterly along the center line of old railroad track 1290 feet more or less to the South line of said Section 32; thence West 1660 feet more or less to the East line of Bear River; thence following along river South 358 feet more or less; thence East 3079 feet more or less; thence North 573 feet more or less; thence East 1023 feet more or less; thence running North from the river 374 feet more or less; thence Northwestorly 390 feet more or less; thence North 639 feet more or less to the beginning. The above tract includes land in the Northwest quarter of Section 5 and the Northeast quarter of Section 6, Township 9 North, Range 2 West, SLM, also all of Lots 72, 73, 86, 87, 88, 89 and part of Lots 71, 74, 83, 84, 85 and 90 of Plat "B" River Bank Tract in Section 32, Township 10 North, Range 2 West, SLM.

ACREAGE: 100.45 acres more or less according to Assessor

ABST'D. IN BOOK 5 OF Sec PAGE 32-10-24  
*H.W.R.*  
*M.P.R.*  
2 of Sec - 5-9-2  
6-9-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK

257

PAGE

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of FEBRUARY, 1973, by and between JOHN J. WISE and HORTENSE O. WISE, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point South 1° West 1218 foot from the Northeast corner of Section 22, Township 10 North, Range 2 West, SLM; thence South 88° 09' West 2628.3 feet; thence South 0° 44' East 506.98 feet; thence North 88° 09' East 2632 feet; thence North 3° 23' West 506.95 feet to the point of beginning, containing 28.18 acres more or less.

ALSO: For a point of beginning, begin at a point South 1° 46' East 639 feet from the Northeast corner of said section, and South 15° 22' West 257 feet, and South 3° 23' East 152 feet to the true point of beginning; thence South 3° 23' East 179.14 feet; thence South 88° 09' West 2628.3 feet; thence North 0° 44' West 446.12 feet; thence North 85° 20' East to the East boundary of the U.I.C. Railroad right of way; thence South 34° 48' East along said line 431 feet; thence North 86° East 1752.5 feet more or less to the point of beginning, containing 12.25 acres more or less.

EXCEPT the said railroad right of way.

ALSO EXCEPT the following:

(A) Beginning at a point on the Westerly right of way line of Utah Highway 69, 1507.75 feet South and 49.24 feet West of the Northeast corner of said Section 22; running thence South 88° 58' 30" West 439.5 feet; thence South 8° 41' 30" East 200 feet; thence North 88° 58' 30" East 439.53 feet to the West line of said Highway; thence North 8° 41' 30" West 200 feet along said Highway right of way to the point of beginning, containing 2.0 acres.

(B) Beginning at a point on the Westerly right of way line of Utah Highway 69 as presently located, 1035.33 feet South and 69.23 feet West of the Northeast corner of said Section 22, said property being on Grantor's North property line; running thence South 1° 27' 30" East along said Highway right of way 225.5 feet; thence South 86° 48' 30" West 990 feet; thence North 1° 27' 30" West 225.5 feet to Grantor's North property line; thence North 86° 48' 30" East 990 feet along said North line to the point of beginning.

Parcel 2: Beginning at a point South 1° 46' East 639 feet and South 85° 20' West 100 feet from the Northeast corner of Section 22, Township 10 North, Range 2 West, SLM; thence running South 85° 20' West 1960.4 feet more or less to State Road right of way (formerly U-I Central R. R. right of way); thence Southeasterly along a curve South 34° 48' East 431 feet; thence North 86° East 1743.4 feet more or less to the West line of State Road right of way; thence North 3° 23' West 20 feet; thence South 86° West 400 feet; thence North 81.5 feet; thence North 86° East 100 feet; thence North 6° West 50 feet more or less to the Northwest corner of coop; thence North 84° East 70 feet; thence North 61° East 32 feet more or less to the Northwest corner of garage; thence North 84° East 205 feet more or less to State Road right of way; thence North along said right of way 225 feet more or less to the point of beginning.

Parcel 3: Beginning at a point on the North line of Grantor's property 1035.33 feet South and 672.23 feet West of the Northeast corner of Section 22, Township 10 North, Range 2 West, SLM; running thence South  $1^{\circ} 27' 30''$  East 225.5 feet more or

less to the South line of Grantor's property; thence South  $86^{\circ} 48' 30''$  West along the South line of Grantor's property 387 feet more or less to the Southwest corner of Grantor's property; thence North  $1^{\circ} 27' 30''$  West along the West line of Grantor's property 225.5 feet more or less to the Northwest corner of Grantor's property; thence North  $86^{\circ} 48' 30''$  East 387 feet along the North line of Grantor's property to the place of beginning. Containing 2 acres more or less.

ACREAGE: 50.51 acres more or less

ABST'D. IN BOOK 5 OF Ser. PAGE 22-10-2 ✓



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38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 99

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of February, 1973, by and between CARL BOYD RHODES and NOLA RHODES, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 4350.5 feet North and 5293 feet West of the Southeast corner of Section 6, Township 10 North, Range 2 West, SLM; running thence South 481 feet; thence West 1081.1 feet; thence North 7° 44' West 185.4 feet; thence North 6° 41' East 299.5 feet; thence East 1045.2 feet to the beginning.

Containing 11.74 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 100

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10<sup>th</sup> day of February, 1973, by and between

IVAN D. IVERSON and ELIZABETH B. IVERSON, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 2: Beginning at a point 86 rods North and 3 rods West of the Southeast corner of Section 2; thence West 1404 feet, more or less, to the East boundary of the waste water ditch known as Spillway Gulch; thence North 22° 21' West 570 feet; thence North 41° 07' West 210.5 feet more or less to the canal right of way; thence North 14° 05' East 494.5 feet, more or less, to the quarter section line; thence East along the quarter section 1643 feet, more or less, to a point 40.5 feet West of the Northeast corner of the Southeast quarter of said section; thence South 1263 feet to the beginning, containing 45.02 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 101

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 9<sup>th</sup> day of February, 1973, by and between J. LEE ROCK, a married man as his separate property.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 2: Beginning at a point South 86° 56' West 371 feet from the Northwest corner of the Northeast quarter of Section 2; thence North 86° 56' East 2020 feet more or less, along the North line of said section (as established by Wm. M. Bostaph survey) to the West line of Bear River Canal right-of-way; thence South 14° 15' West along said right-of-way 2826 feet; thence South 86° 25' West 228 feet; thence North 1° 44' East 600 feet; thence North 83° 40' West 84 feet; thence North 2° 04' West 569 feet; thence North 32° 10' West 206 feet; thence North 18° West 840 feet; thence North 29° 45' West 120 feet; thence West 255 feet; thence North 130 feet; thence West 249 feet; thence North 273 feet to the beginning, containing 60.87 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 102

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of February, 1973, by and between ALFORD T. JOHN and VERA L. JOHN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: That part of the North half of the North half of the North half of the Southwest quarter of Section 3, Township 10 North, Range 3 West, SLM, lying West of the Malad Rivor.

EXCEPTING THEREFROM the Malad Valley Railroad right of way as now established over said land.

ALSO EXCEPTING THEREFROM a strip of land 2 rods wide on and along the West side for County Road

ALSO EXCEPTING THEREFROM a strip of land 1 rod wide on and along the North side for service ditch.

Parcel 2: Beginning 20 rods South and 2 rods East of the Northwest corner of the Southwest quarter of said Section 3; running thence South 1 rod; thence East 250 feet; thence North 1 rod; thence West 250 feet to the place of beginning.

ACREAGE: 9.06 acres more or less according to Assessor

ABST'D. IN BOOK 5 OF Sec PAGE 3-10-3

*A.T.J.*  
*V.L.J.*  
*N*

RECORDING REQUESTED BY

Box Elder County

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 103

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>ST</sup> day of FEBRUARY, 1973, by and between

KARL A. JENSEN and SUE JENSEN, his wife,

REED JENSEN and PAULINE JENSEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, S1M

Section 4: All of the Northwest quarter of Section 4 lying West of the Mill Ditch right of way as now located, reserving therefrom a strip of land 10 feet wide on each side of the center line of irrigation ditch as now located, containing 1.58 acres, more or less.

Section 5: Also, all of the North half of Section 5 lying West of the Mill Ditch right of way as now located, reserving therefrom a strip of land 33 feet wide on and along the South line for road purposes; also, reserving a strip of land 10 feet wide on each side of the center line of irrigation ditch as now located, containing 303 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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5-10-3 ✓

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Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

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### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of FEBRUARY, 1973, by and between KARL A. JENSEN,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, 51M

Section 4: Beginning at the Northeast corner of Section 4; running thence South 64 rods; thence West 50 rods; thence South 16 rods; thence West 110 rods; thence North 80 rods; thence East 160 rods to the place of beginning, containing 75 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



Box Elder County

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of FEBRUARY, 1973, by and between REED G. JENSEN and PAULINE M. JENSEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 4: The East half of the Southwest quarter of the Northeast quarter, and the Southeast quarter of the Northeast quarter, containing 60-acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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BOOK 257 PAGE 106

WHEN RECORDED MAIL TO

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### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>TH</sup> day of FEBRUARY, 1973, by and between VIRGIA FORSGREN JENSEN, a widow, JERALD F. JENSEN; RON B. JENSEN; and LYNN R. JENSEN, all married men as their separate property.

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, S1M

Section 27: Beginning at a point 2 rods East and 2 rods North of the Southwest corner of Section 27, thence North 1303½ feet; thence East 1426 feet to the West boundary of O.S.L.R.R. right of way; thence South 5° 30' West along said right of way 1307.6 feet; thence West 1322 feet to the point of beginning, containing 41-1/8 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15<sup>th</sup> day of February, 1973, by and between DOUGLAS N. HOLMGREN and ELIZABETH J. HOLMGREN, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 34: Beginning at a point 356 feet North of the Southeast corner of Section 34; thence running South 86° 56' West 3360 feet more or less to Malad River; thence Northeast along River to a point on the North line of the Southeast quarter of section; thence North 85° 50' East along said quarter section line 860 feet to the Northeast corner of the Southeast quarter of section; thence South 2315 feet to the beginning. Containing 118.86 acres.

Beginning at a point 443 feet West of the Southeast corner of the Northeast quarter; thence running Northwest 75 feet; thence North 89 feet; thence West 157 feet; thence Southwest 313 feet more or less to Malad River; thence South along River to the South line of the said Northeast quarter; thence East 543 feet more or less to the beginning. Containing 3 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of February, 1973, by and between \_\_\_\_\_

OWEN D. JOHN and SARAH JOHN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 28: Parcel 1: The West half of the Southwest quarter.

Parcel 2: Commencing at the Northeast corner of the East Half of the Southwest Quarter; running thence West 146 feet; thence South 440 feet; thence East 146 feet; thence North 440 feet to the point of beginning.

Containing 81.47 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of February, 1973, by and between ALFRED T. JOHN and VERA L. JOHN, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 28: The East half of the Southwest quarter;

EXCEPTING THEREFROM that portion thereof described as follows: Commencing at the Northeast corner of the East half of the Southwest quarter of said Section 28; running thence West 146 feet; thence South 440 feet; thence East 146 feet; thence North 440 feet to the point of beginning.

Containing 78.53 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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38409H

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BOOK 257 PAGE 110

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of February, 1973, by and between CARL RHODES and NOLA H. RHODES, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SIM

Section 28: The North half of the Northeast quarter and the Southeast quarter of the Northwest quarter.

Containing 120 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 111

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOTHERMAL LEASE AND AGREEMENT

THIS GEOTHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of February, 1973, by and between DALE RHODES and AFTON RHODES, his wife,

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SIM

Section 28: The South half of the Northeast quarter and the Southwest Quarter of the Northwest quarter.

Containing 120 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



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38409H

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BOOK 257 PAGE 112

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of February, 1973, by and between

ACIL WAYNE HUFF, as Trustee under the Declaration of Trust

dated March 7, 1968 and recorded in Book 211, page 423,

Records of Box Elder County.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 28: The Northwest quarter of the Northwest quarter.

Containing 40 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



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WHEN RECORDED MAIL TO

BOOK 257 PAGE 113

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of February, 1973, by and between

KARL A. JENSEN and SUE JENSEN, his wife,

REED JENSEN and PAULINE JENSEN, his wife,

KARL A. JENSEN and REED JENSEN,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southwest corner of Section 33, Township 11 North, Range 3 West, SLM; thence running East 289 feet; thence North 26° 59' East 589 feet; thence North 50° 35' East 800 feet; thence North 22° 7' West 3134 feet to the West line of section; thence South 3938 feet to the beginning, less right of way.

The East half of Section 29, Township 11 North, Range 3 West, SLM, East of Salt Creek.

All of the East half of Section 32, Township 11 North, Range 3 West, SLM, except right of way.

Parcel 2: All of Section 29, Township 11 North, Range 3 West, SLM, West of Salt Creek.

Parcel 3: The West half of Section 32, Township 11 North, Range 3 West, SLM, except roads, containing 317 acres.

ACREAGE: 1332.50 acres more or less

*Kax*  
*Wag*  
*R. G. J.*  
*P. M. J.*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 114

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of February, 1973, by and between DARWIN ROLAND ALLEN and LA REE N. ALLEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 33: Beginning at a point 298 feet East and North 26° 59' East 589 feet more or less and North 50° 35' East 800 feet more or less from the Southwest corner of Section 33; thence running North 22° 07' West to a point on the half section line; thence East to the center of said section; thence South to the North line of the Corinne Mill Ditch; thence in a Southwesterly direction, along said ditch, to the point of beginning, containing 55.2 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

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WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 115

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23 day of FEBRUARY, 1973, by and between EARL E. BERCHTOLD and VIOLET R. BERCHTOLD, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 86013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The North half of the North half of the Southeast quarter of the Northeast quarter of Section 9, Township 10 North, Range 3 West, SLM, less reservations, containing 9.75 acres.

The South 3/4 of the Southeast quarter of the Northeast quarter of said Section 9, reserving for roads, etc., a strip 5 rods wide on the East side and 1 rod wide on the South side, containing 28.69 acres.

Beginning at a point 1325 feet East and 2003 feet South of the Northwest corner of said Section 9; thence South 656 feet to a point 16 1/2 feet North of the quarter section line; thence East 1309.5 feet; thence North 656 feet; thence West 1308.5 feet to the beginning.

Beginning at a point 1726 feet West and 33 feet North of the Southeast corner of said Section 9; thence North 2605.5 feet to a point 16.5 feet South of the quarter section line; thence West 929 feet; thence South 2598 feet; thence East 926.5 feet to the beginning.

Beginning at the Northwest corner of the Southwest quarter of the Northwest quarter of said Section 9; thence South 1328.5 feet to the quarter section corner; thence East 708 feet; thence North 10° 51' West 421.5 feet; thence North 17° 25' West 391.5 feet; thence North 14° 22' East 556 feet; thence West 623 feet to the beginning, containing 17.73 acres.

All of the Southwest quarter and the Northeast quarter of the Northeast quarter of said Section 9, reserving rights of ways for roads.

Beginning at a point 55 rods South of the Northeast corner of the Southeast quarter of Section 8, Township 10 North, Range 3 West, SLM; thence South 65 rods; thence West 30.15 rods; thence North 65 rods; thence East 30.15 rods to the beginning, containing 12.25 acres.

ACREAGE: 340.79 acres more or less (The portion in Section 8 & S 1/2 of Section 9 is outside the area outline)

  
V.R.B. 

ABSTD. IN BOOK 5 OF Sec PAGE 8-10-3 ✓  
9-10-3 ✓

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WHEN RECORDED MAIL TO

BOOK 257 PAGE 116

38409 H.

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of February, 1973, by and between TED BURT, also known as TED W. BURT, and MARJORIE BURT, also known as MARJORIE G. BURT, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 40 feet East and 13 feet South of the Northwest corner of the Southwest quarter of Section 4, Township 9 North, Range 2 West, SLM; thence East 1259 feet; thence South 2582 feet; thence West 518 feet; thence North 60° 16' West 855 feet; thence North 2141 feet more or less to the point of beginning, less reservations for ditches, containing 70 acres more or less.

Also commencing at the Northeast corner of the Southeast quarter of Section 5, Township 9 North, Range 2 West, SLM; thence South 40 rods; thence West 80 rods; thence North 40 rods; thence East 80 rods to the point of beginning, containing 20 acres more or less.

Parcel 2: Commencing at a point 40 rods South of the Northeast corner of the Southeast quarter of Section 5, Township 9 North, Range 2 West, SLM; thence running South 22.10 chains; thence North 59° 10' West 23.29 chains; thence North 10.16 chains; thence East 20 chains to the point of beginning, containing 32.26 acres more or less. Reserving a strip of land 3 rods wide on and along the East side now used for County Road.

Parcel 3: Beginning at a point 77 rods West of the Southeast corner of the Northwest quarter of Section 4, Township 9 North, Range 2 West, SLM; thence North 60 rods; thence West 78 rods; thence South 60 rods; thence East 78 rods to the point of beginning.

Parcel 4: All that part of the following described tract of land lying West of Highway I-15:

Beginning 4 rods North of the Southeast corner of Section 4, Township 9 North, Range 2 West, SLM, and running thence West 160 rods; thence North 37.1 rods; thence West 79 rods; thence North 78 1/3 rods; thence East 79 rods; thence South 33.1 rods; thence East 160 rods; thence South 82 1/3 rods to the beginning, less County Road lying in the Southeast quarter and the Southwest quarter of said Section 4.

ACREAGE: 241.37 acres more or less

M. J. Burt
J. W. Burt

EST'D. IN BOOK 2 OF Sec 4-9-2
5-9-2

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 117

38409 H  
NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of FEBRUARY, 1973, by and between ARNOLD W. BOSWORTH and GERTRUDE S. BOSWORTH, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 4 rods North of the Southeast corner of the Southwest quarter of Section 4, Township 9 North, Range 2 West, SLM; running thence West 79 rods; thence North 37.1 rods; thence East 79 rods; thence South 37.1 rods to the beginning, less road and containing 18.20 acres more or less.

Parcel 2: Beginning 86 1/3 rods North of the Southeast corner of Section 4, Township 9 North, Range 2 West, SLM; running thence West 160 rods; thence North 37 1/6 rods; thence East 160 rods; thence South 37 1/6 rods to the point of beginning.

EXCEPTING THEREFROM that certain 3.39 acre tract of land conveyed to the State Road Commission of Utah by deed dated August 18, 1959 and recorded in Book 129 page 547, Records of Box Elder County.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 86 1/3 rods North of the Southeast corner of said Section 4; thence West 213.18 feet; thence North 37 1/6 rods; thence East 213.18 feet; thence South 37 1/6 rods to the beginning, reserving a 1 rod strip on the South end for road and 10 feet across West end for ditch, containing 3.8 acres.

ACREAGE: 47.41 acres more or less

*[Handwritten signature]*  
S.S.B.

ABST'D. IN BOOK 2 OF Sec PAGE 4-9-2 ✓

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 118

38409 N.  
NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15th day of February, 1973, by and between

JOHN W. SINGH and DONNA MAE SINGH, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 9 North, Range 3 West, SLM

Section 1: Beginning 1 rod South and 2 rods East of the Northwest quarter of Section 1; thence South 12.45 rods; thence East 12.45 rods; thence North 12.45 rods; thence West 12.45 rods to the place of beginning.

Containing 0.96 acre, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 119

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOTHERMAL LEASE AND AGREEMENT

THIS GEOTHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 13 day of March, 1973, by and between BOX ELDER COUNTY, a municipal corporation,

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 180 feet more or less North and South 87° 18' West 679.4 feet from the Southeast corner of the Southwest quarter of Section 23, Township 11 North, Range 3 West, SLM, said point being on the North right of way line of the County Road; thence North 0° 31' East 1069 feet; thence South 87° 20' West 152.8 feet to brink of Malad River flood plain; thence South 31° 17' West 426 feet; thence West 348 feet more or less to the East bank of the Malad River; thence Southwesterly along said East bank to the North right of way line of the County Road; thence North 87° 18' East 683 feet more or less to beginning, containing 13.3 acres more or less.

Parcel 2: Beginning 104 feet North and 794 feet West from the Southeast corner of the Southwest quarter of Section 23, Township 11 North, Range 3 West, SLM; thence running Northwesterly along old road bed 560 feet more or less to the East bank of old Malad River Channel; thence running Southerly along said channel 100 feet more or less to existing fence; thence Easterly 580 feet more or less along fence to place of beginning, containing 1 acre more or less.

ACREAGE: 14.3 acres more or less



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38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 120

NOV 26 1973

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 26<sup>th</sup> day of February, 1973, by and between EARL LEWIS PETERSEN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM.

Section 23: NW $\frac{1}{4}$  of SE $\frac{1}{4}$  of said section, less reservations, and containing 39.86 acres.

Also the South half of the Northeast of the Southwest quarter of said Section 23 lying East of the Malad River.

Containing a total of 56.86 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 121

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of March, 1973, by and between

STELLA C. BARNES, a widow, Vendor and  
DENNIS ALVIN BARFUSS and ILEEN MARIE ROBERTS BARFUSS, Vendee

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM.

Section 26: NW $\frac{1}{4}$  of NW $\frac{1}{4}$ .

Containing 40 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RELEASCD  
BK 271 Pg 77  
RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 122

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOTHERMAL LEASE AND AGREEMENT

THIS GEOTHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5th day of March, 1973, by and between DENNIS ALVIN BARFUSS and ILEEN MARIE ROBERTS BARFUS, his wife,

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, S1M.

Section 26: All of that portion of land lying West of the Malad River contained in the Northwest quarter of the Southwest quarter of the Northwest quarter of said section.

Containing 5.85 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK 3 OF See PAGE 26-11-31

Page 73

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 123

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of March, 1973, by and between JOHN C. BARFUSS and LILLIAN C. BARFUSS, also known as Lillie Barfuss, his wife, as to a Life Estate to each; and LYLE J. BARFUSS and FLOYD L. BARFUSS, as to the Remainder,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM.

Section 26: Beginning at a point at the Southwest corner of the Northwest quarter of said section; thence North 670.5 feet; thence North 88° East 508.0 feet; thence South 32° 14' East 266 feet; thence South 38° 50' West 560 feet; thence South 86° 25' West 300 feet to beginning.

Containing 8 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 124

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of March, 1973, by and between

HOPE CHRISTENSEN SHEPARD

PATTY LUANN CHRISTENSEN

DE VERE R. CHRISTENSEN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1286 feet East of the Northwest corner of the Northeast quarter of the Southwest quarter of Section 24, Township 11 North, Range 3 West, SLM; thence East 1316 feet; thence South 0° 44' East 448 feet; thence South 20° West 566.7 feet; thence South 83° 2' West 96.7 feet; thence South 4° 47' West 100 feet; thence West 1023.2 feet; thence North 1048.7 feet to beginning.

Also, beginning 476.5 feet South of the Northeast corner of the Northwest quarter of the Southeast quarter of Section 24, Township 11 North, Range 3 West, SLM; thence South 20° West 602 feet; thence South 400 feet; thence East 205.9 feet; thence North 965.7 feet to beginning, containing 3.31 acres.

EXCEPT FROM the above property all lands heretofore conveyed to the State Road Commission of Utah.

Containing 30.25 acres, more or less.

*N*  
*X H C S*  
*X P L C*  
*X D V R C*  
*J. C. V.*

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 125

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 26<sup>th</sup> day of February, 1973 by and between

~~A. E. BUCHANAN and FLORENE D. BUCHANAN, his wife~~

EARL LEWIS PETERSEN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1 rod South from the East quarter corner of Section 25, Township 11 North, Range 3 West, SLM; thence South 594 feet to a point marked by an interstate highway monument; thence North 26° 40' West 684 feet along the East right of way line of the highway; thence East 339 feet to the point of beginning, containing 2.3 acres.

Parcel 2: Lots 9, 10 and 11 of Section 30, Township 11 North, Range 2 West, SLM.

EXCEPT that 12.85 acre parcel conveyed to the State Road Commission of Utah by deed dated January 19, 1960 and recorded in Book 137 page 10, Records of Box Elder County.

ALSO EXCEPT that portion lying Southwesterly of above 12.85 acre State Road Commission of Utah parcel as conveyed to La Vere C. Anderson, et ux, by deed dated July 8, 1960 and recorded in Book 138 page 214, Records of Box Elder County.

Containing 82.45 acres, more or less.

ARSPD. IN BOOK 3 OF Sec PAGE 30-11-2 ✓  
25-11-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 126

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23<sup>rd</sup> day of February, 1973, by and between

~~JENNIE A. HANSEN, a widow, as to a Life Estate in Parcel 3,~~ and OREN N. HANSEN a single man, as to Remainder

OREN N. HANSEN, a single man

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lot 4 of Section 36, Township 11 North, Range 3 West, SLM, containing 36.07 acres.

EXCEPT two 0.12 acre parcels conveyed to Box Elder County by deeds recorded in Book 24 of Deeds pages 62 and 461, Records of Box Elder County.

Parcel 2: Lot 11 of Section 36, Township 11 North, Range 3 West, SLM.

Also part of Lot 20, beginning at a point 1265 feet West and 402 feet North of the Southeast corner of Section 36, Township 11 North, Range 3 West, SLM; thence running North 6° 52' East 294 feet; thence North 85° 23' East 553 feet; thence South 31° East 375 feet; thence South 88° 55' West 780 feet to the beginning.

Parcel 3: Beginning at the Northeast corner of Lot 2, Section 36, Township 11 North, Range 3 West, SLM; thence running South 1° 37' West 667.5 feet; thence South 28° 8' East 60 feet; thence West 648 feet; thence North 7° 13' West 250 feet; thence North 45' West 485 feet; thence East to the beginning.

Containing 60.35 acres, more or less.

*Oren N. Hansen*  
*[Signature]*



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 127

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 6 day of MARCH, 1973, by and between THE ESTATE OF RICHARD S. CHRISTENSEN, deceased; LEONA B. CHRISTENSEN, a widow

CHESTER H. CHRISTENSEN AND BESSIE H. CHRISTENSEN HIS WIFE  
Chester H. Christensen B.H.C.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

- Parcel 1: The West half of Section 14, Township 10 North, Range 3 West, SLM, lying West of Malad Valley Railroad, containing 80 acres.
- Parcel 2: The Northeast quarter and the North half of the Southeast quarter of Section 15, Township 10 North, Range 3 West, SLM, lying East of Bear River Canal and Southwest of Malad Valley Railroad, containing 154.64 acres.
- Parcel 3: Beginning at the Southeast corner of Section 15, Township 10 North, Range 3 West, SLM; thence North 80 rods, West to Corinne Canal, South along canal to section line; thence East to point of beginning, containing 65 acres.
- Parcel 4: Beginning at the Northeast corner of Section 22, Township 10 North, Range 3 West, SLM; thence West 2100 feet to Utah-Idaho Sugar Company right of way; thence South 175 feet to East-West Canal right of way; thence East along said canal right of way to East line of said section; thence North 167 feet to point of beginning, containing 9 acres.

ACREAGE: 308.64 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 14-10-3 ✓  
15-10-3 ✓  
22-10-3 ✓  
*Chester H. Christensen*  
*Bessie H. Christensen*

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 128

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>nd</sup> day of March, 1973, by and between S. PAUL HOLMGREN and ELIZABETH W. HOLMGREN, his wife; OREGON SHORT LINE RAILROAD COMPANY, a corporation,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 21 rods South and 8.6 rods East of the Northwest corner of Section 12, Township 10 North, Range 3 West, SLM; thence Southeasterly in a curve along the East side of the Garland-Bear River railroad spur to a point 60 rods South of point of beginning and 30.4 rods East of said section line; thence East 49.6 rods; thence North 60 rods; thence West 71.4 rods to point of beginning, containing 22.72 acres more or less.

Also, Lots 3, 4, 5 and 6 in Block 11 in the East half of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM, containing 5 acres according to the surveyed Plat of April 1890 by County Surveyor N. P. Andersen.

Parcel 2: A strip of land 66.00 feet wide being 33.0 feet each side of the center line of the abandoned Bear River Branch of the Oregon Short Line Railroad in the Northwest quarter of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM. The location of said center line over and across the above described land is more particularly described as follows:

Beginning at a point which is East 62.0 feet and Southeasterly along the arc of a 2864.9 foot radius curve to the left 335.0 feet from the Northwest corner of said Section 12, and thence continuing along said curve to the left Southeasterly 400.2 feet; thence South 20° 21' East 701.3 feet to point which is South 81.0 rods and East 480.0 feet from the Northwest corner of said Section 12. Containing 1.67 acres.

It being the intention to hereby convey all of that certain fifteenth described strip of land heretofore conveyed by Utah-Idaho Sugar Company to Oregon Short Line Railroad Company by warranty deed dated August 16, 1918, recorded September 18, 1918 in Book 13 of Deeds at page 441 of the Box Elder County Records.

ACREAGE: Parcel 1: 27.72 acres more or less  
Parcel 2: 1.67 acres more or less  
29.39

*EWA*  
*[Handwritten signatures]*

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3

RECORDING REQUESTED

38409H

BOOK 257 PAGE 129

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>nd</sup> day of March, 1973, by and between SPENCER PAUL HOLMGREN and ELIZABETH W. HOLMGREN, his wife

hereinafter called the "Lessor" and **GEOHERMAL - KINETICS SYSTEMS CORPORATION**, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The South half of the Northwest quarter and the Northwest quarter of the Southwest quarter of Section 11, Township 10 North, Range 3 West, SLM, lying between Malad River and Corinne Branch of Bear River Canal.

Parcel 2: The Northwest quarter of the Northwest quarter of Section 11, Township 10 North, Range 3 West, SLM.

Containing 73.43 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures; machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF See PAGE 11-10-3 ✓

Page 80

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 130

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 6<sup>TH</sup> day of MARCH, 1973, by and between CHESTER H. CHRISTENSEN and BESSIE H. CHRISTENSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The Northeast quarter of the Northwest quarter; all the North half of the Northeast quarter lying North and West of the Corinne Canal right of way and West of the Malad Valley Railroad right of way as now located; all of the above described land being in Section 15, Township 10 North, Range 3 West, SLM, containing 79 acres more or less.

Parcel 2: The Southeast quarter of the Northwest quarter and the Southwest quarter of the Northeast quarter of Section 15, Township 10 North, Range 3 West, SLM, lying West of the Corinne Canal right of way, containing 43.86 acres.

Parcel 3: Beginning at the Southwest corner of Section 15, Township 10 North, Range 3 West, SLM; thence North 320 rods; thence East 80 rods; thence South 160 rods; thence East to Corinne Canal right of way; thence South along said canal to South line of said Section 15; thence West along section line to point of beginning, containing 291.25 acres.

Parcel 4: Beginning at the Northwest corner of Section 22, Township 10 North, Range 3 West, SLM; thence South 99 feet; thence East 3082 feet to Utah-Idaho Company Canal right of way; thence North 99 feet; thence West 3082 feet to the point of beginning, containing 7 acres.

ABST'D. IN BOOK 5 OF Sec PAGE 15-10-3 ✓  
22-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 131

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day of March, 1973, by and between ELBERT R. BEECHER and NINA H. BEECHER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 33 feet East of the Southwest corner of Section 22, Township 10 North, Range 3 West, SLM; thence North 1033 feet more or less to fence; thence East 1830 feet more or less to East side of Utah-Idaho Sugar Company Canal right of way; thence South 1033 feet more or less to section line; thence West 1830 feet more or less to beginning.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 1863 feet East of the Southwest corner of said Section 22; thence North 1033 feet to East side of Utah-Idaho Sugar Company Canal right of way; thence Southwest-erly along said right of way to section line; thence East to point of beginning.

Parcel 2: Beginning at a point 1033 feet more or less to established fence line and 1033 feet more or less East of the Southwest corner of Section 22, Township 10 North, Range 3 West, SLM; thence North 1340 feet; thence East to Utah-Idaho Sugar Company Canal right of way; thence South along said right of way 1340 feet more or less to a point due East of beginning; thence West to beginning.

Parcel 3: Beginning at a point 99 feet South and 33 feet East of the Northwest corner of Section 22, Township 10 North, Range 3 West, SLM; thence running East 1000 feet; thence South 4240 feet; thence West 1000 feet; thence North 4240 feet to point of beginning.

*ELB*  
*NHB*

ABST'D. IN BOOK 5 OF Sec PAGE 22-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 132

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12th day of March, 1973, by and between LEAH K. QUINN and JOAN Q. SHEPHERD, mother and daughter as joint tenants; ~~and FEDERAL LAND BANK OF BERKELEY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

All that portion of Section 23, Township 10 North, Range 3 West, SLM, lying North and East of the Malad Valley Railroad right of way.

Containing 133.0 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 133

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 6<sup>th</sup> day of MARCH, 1973, by and between CHESTER H. CHRISTENSEN,  
A MARRIED MAN AS HIS SEPARATE PROPERTY

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 33 feet East and 1797 feet North of the Southwest corner of Section 24, Township 10 North, Range 3 West, SIM, and running thence North 1064 feet; thence East 2608 feet to the West line of County Road; thence South along said County Road 1064 feet; thence West 2608 feet to the place of beginning.

RESERVING THEREFROM a strip of land 16.5 feet wide and 2608 feet long on and along the North line of the above described tract.

ALSO, reservations for irrigation laterals and roads as now located. Area of above described tract, less reservations, 60 acres of dry land, more or less.

EXCEPTING THEREFROM that portion thereof conveyed to Bear River Pumping Company by deed dated April 14, 1933 and recorded in Book 35 page 50 of Deeds, and more particularly described as follows: Commencing at a point 2710 feet more or less South from the Northwest corner of said Section 24, and running thence Easterly approximately 2610 feet to the County Highway; thence South not to exceed 30 feet; thence West 2610 feet to the West line of said Section 24; thence North 30 feet to the point of beginning.

ACREAGE: <sup>64.0</sup> ~~50~~ acres more or less according to Assessor

*Ch. H. Christensen*

*Chester H. Christensen*

ABST'D. IN BOOK 5 OF Sec PAGE 24-10-3 ✓



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 134

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of February, 1973, by and between VERDA F. WELCH, also known as Verda Welch, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of the Southwest quarter and the South half of the South half of the North half of the Southwest quarter of Section 24, Township 10 North, Range 3 West, SLM.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point on the West line of State Highway 100 feet North of the North line of the County Road, as said highway and road now exist, which point is 50 feet West more or less and 133 feet North more or less from the Southeast corner of the Southwest quarter of said Section 24; thence North along the West line of said State Highway 100 feet; thence West 1139 feet; thence South 200 feet to the North line of said County Road; thence East along the North line of said County Road 1039 feet; thence North 100 feet; thence East 100 feet to point of beginning.

ACREAGE: 93.70 acres more or less according to Assessor

*J. F. W.*

*[Signature]*

ABST'D. IN BOOK 5 OF Sec PAGE 24-10-3 ✓

RECORDING REQUESTED BY

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 135

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7<sup>th</sup> day of March, 1973, by and between LYNNE STUART HOLMGREN and MARY C. HOLMGREN; his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point on the section line 450 feet South of the Northeast corner of Section 24, Township 10 North, Range 3 West, SLM, and running thence North 72° 08' West 1030 feet to the North line of said Section 24; thence South 82° 38' West 1329 feet along section line; thence South 32° 08' West 171 feet along the East boundary of County Road to Malad River; thence in a Southeasterly direction along Malad River to the East line of said Section 24; thence North along section line 2190 feet to the point of beginning, containing 73.50 acres more or less.

Parcel 2: Beginning at a point South 82° 38' West 1006 feet from the Southeast corner of Section 13, Township 10 North, Range 3 West, SLM, and running thence South 82° 38' West 323 feet along the South line of said Section 13; thence North 147 feet; thence South 72° 08' East 335 feet to the point of beginning, containing 0.53 of an acre more or less.

Parcel 3: Beginning at the Southeast corner of the West half of the Southeast quarter of Section 13, Township 10 North, Range 3 West, SLM, and running thence South 82° 38' West 1005.6 feet along the South line of said Section 13; thence North 32° 08' East 590 feet along the East line of County Road; thence South 72° 08' East 715 feet; thence South 147 feet to the point of beginning, containing 6.36 acres more or less.

Parcel 4: Beginning at a point on the South line of Section 13, Township 10 North, Range 3 West, SLM, South 82° 38' West 2334.6 feet from the Southeast corner thereof; thence running North 32° 08' East 239 feet; thence North 19° 29' East 328 feet; thence South 33° 54' West 634.7 feet; thence North 82° 38' East 118.4 feet to the point of beginning, containing 0.84 of an acre more or less.

Parcel 5: Beginning at a point on the section line 3052 feet South of the Northwest corner of Section 13, Township 10 North, Range 3 West, SLM; thence South 86° 10' East 3288 feet to the County Road; thence South 1° 23' West 1610 feet; thence South 33° 54' West 716 feet; thence South 82° 32' West 190 feet along the South line of said Section 13; thence in a Northwesterly direction along the Malad River to a point on the West line of said Section 13; thence North along said section line 588 feet to the point of beginning, containing 91.35 acres more or less.

Parcel 6: Beginning at a point North 82° 38' East 1320 feet and South 1050 feet from the Northwest corner of Section 19, Township 10 North, Range 2 West, SLM; thence running South 73° 08' East 1983 feet; thence in a Southwesterly direction along river to the quarter section line; thence North 2570 feet to point of beginning, containing 47.80 acres more or less.

Parcel 7: Beginning 450 feet South of the Northwest corner of said Section 19; running thence South 72° 08' East 1380 feet; thence South 1700 feet to Malad River; thence in a Southwesterly and Westerly direction along said river to a point on the section line; thence North along the West line of said Section 19 2190 feet to the point of beginning, containing 70.72 acres more or less.

ACREAGE: 286.10 acres more or less

*L.J.H. mcz*

RECORDED IN BOOK 5 OF Sec PAGE 19-10-2  
13-10-3, 24-10-3

*Page 86*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 136

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 9<sup>th</sup> day of March, 1973, by and between SPENCER PAUL HOLMGREN and LYNNE STUART HOLMGREN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

All that portion of the Northeast quarter of Section 24, Township 10 North, Range 3 West, SLM, lying South and West of the Malad River, containing 75 acres, more or less.

EXCEPTING THEREFROM that certain right of way off the Northwest part of said tract sold to Box Elder County for road purposes.

ALSO a strip of land 1 rod wide adjoining the County Road and lying parallel with the same on the North side of the Northwest quarter of said Section 24, containing 1 acre.

Containing 72.63 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced: If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 137

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10<sup>th</sup> day of March, 1973, by and between WARREN GORDON HOLMGREN, a single man

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southwest corner of Section 18, Township 10 North, Range 2 West, SLM, and running North on section line 1027 feet; thence North 89° 39' East 866.5 feet to the Bear River; thence South 39° 24' East 428 feet along the Bear River; thence South 65° 54' East 1053.5 feet along the Bear River; thence South 82° 38' West 2117 feet along the South line of Section 18 to the point of beginning, containing 30.09 acres.

Parcel 2: Beginning at the Northwest corner of Section 19, Township 10 North, Range 2 West, SLM, and running thence North 82° 38' East 1320 feet along the North line of said Section 19; thence South 1050 feet; thence North 72° 08' West 1380 feet; thence North 450 feet to the point of beginning, containing 22.57 acres.

Parcel 3: Beginning at a point on the section line which bears North 82° 38' East 1320 feet distant from the Northwest corner of Section 19, Township 10 North, Range 2 West, SLM, and running thence North 82° 38' East 797 feet along the North line of said Section 19, to Bear River; thence in a Southeasterly and thence Southerly direction along the Bear River to a point; thence North 72° 08' West 1983 feet; thence North 1050 feet to the point of beginning, containing 68.04 acres.

Parcel 4: Beginning at the Southeast corner of the West half of the Southeast quarter of Section 13, Township 10 North, Range 3 West, SLM; running thence South 82° 08' West along the South line of said section 1005.6 feet; thence North 32° 08' East 559 feet; thence North 17° 40' East 286 feet; thence North 1° 23' East 1944.5 feet; the last 3 courses being the East boundary of the County Road; thence South 86° 47' East 330.7 feet; thence North 3° 00' East 179 feet; thence North 83° 08' East along the quarter section line 228.2 feet; thence South along the East line of said West half of Southeast quarter 2748.5 feet to the point of beginning, containing 39.01 acres more or less.

EXCEPTING THEREFROM the following: Beginning at the Southeast corner of the West half of the Southeast quarter of said Section 13; thence South 82° 38' West 1005.6 feet along the South line of said Section 13; thence North 32° 08' East 590 feet along East side of County Road; thence South 72° 08' East 715 feet; thence South 147 feet to point of beginning, containing 6.36 acres.

ALSO EXCEPTING THEREFROM the following: Commencing at the East quarter corner of said Section 13; thence West 1200 feet to the point of beginning; thence South 220 feet; thence 290 feet Westerly; thence 200 feet North; thence 290 feet East to point of beginning, described as Lot 31 in Book 4 page 57, containing 1.4 acres.

Parcel 5: Beginning at a point 1710.7 feet South of the Northwest corner of Section 13, Township 10 North, Range 3 West, SLM; thence East 1898 feet; thence South 1° 07' West 243.7 feet; thence South 89° 00' East 740 feet; thence South 759 feet along the quarter section line; thence North 83° 08' East 660 feet to County Road; thence South 1° 23' West 635 feet along West side of County Road; thence North 86° 10' West 3288 feet; thence North 1341.4 feet along West line of said Section 13 to point of beginning, containing 61.35 acres.

Parcel 6: Beginning at point 1822 feet South of the Northeast corner of the Southeast quarter of Section 13, Township 10 North, Range 3 West, SLM; thence West 1255 feet; thence North  $1^{\circ} 40'$  East 1437.3 feet; thence North  $86^{\circ} 47'$  West 100 feet; thence South 2391 feet; thence South  $72^{\circ} 08'$  East 335 feet; thence North  $82^{\circ} 38'$  East 1006 feet along the South line of said Section 13 to the Southeast corner of said Section 13; thence North along the section line 926 feet to the point of beginning, containing 32.58 acres.

Parcel 7: Beginning at the Northeast corner of Section 24, Township 10 North, Range 3 West, SLM; thence South along the section line 450 feet; thence North  $72^{\circ} 08'$  West 1030 feet to the North line of said Section 24; thence North  $82^{\circ} 38'$  East 1006 feet along said section line to the point of beginning, containing 5.88 acres.

ACREAGE: 280.07 acres more or less

*W. J. H. R.*

ABST'D. IN BOOK 5 OF Sec PAGE 18-10-2 ✓  
19-10-2 ✓  
13-10-3 ✓  
24-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 139

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>TH</sup> day of MARCH, 1973, by and between DAVE B. POULSEN and JEAN S. POULSEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The North half of the North half of the Southeast quarter of Section 24, Township 10 North, Range 3 West, SLM.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 2045.8 feet North and 541.1 feet West of the Southeast corner of said Section 24; thence West 2073.6 feet; thence North 10 feet; thence East 2073.6 feet; thence South 10 feet to the point of beginning, containing 0.47 acre more or less.

Parcel 2: Commencing at a point North 0° 20' 32" West 1240.7 feet from the Southwest corner of Section 19 (as reestablished by Deputy Surveyor Koeber in resurvey in 1892), Township 10 North, Range 2 West, SLM; thence South 52° 09' East 926 feet; thence South 39° 38' East 152.63 feet; thence North 1492.1 feet; thence North 20° 01' West 24.74 feet; thence North 36° 21' West 60.6 feet; thence South 79° 32' West 264.5 feet; thence North 75° 22' West 94.8 feet; thence North 17° 58' West 444 feet; thence North 55° 10' West 370.2 feet to section line; thence South 0° 20' 32" East 1489.44 feet to point of beginning, containing 26.80 acres more or less.

Parcel 3: Commencing at a point situate North 348.05 feet and East 821.15 feet from the above mentioned corner of Section 19, Township 10 North, Range 2 West, SLM, and running thence North 206.9 feet; thence North 30° 38' West 152.63 feet; thence North 52° 09' West 874.60 feet; thence South 8° 10' 10" West 234.2 feet; thence South 56° 56' East 341.9 feet; thence South 44° 56' East 196.8 feet; thence South 72° 51' East 195.4 feet; thence South 30° 29' East 155.5 feet; thence South 59° 54' East 99.3 feet; thence South 35° 30' East 76.1 feet to the point of beginning, containing 4.141 acres more or less.

Containing a total of 70.471 acres, more or less.

*DBP  
J.S.P.*

ABSTD. IN BOOK 5 OF Sec PAGE 24-10-3 ✓

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 140

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2nd day of March, 19 73, by and between GEORGE T. WALKER AND INAS B. WALKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of the North half of the Southeast quarter of Section 24, Township 10 North, Range 3 West, S1M.

EXCEPTING THEREFROM those portions thereof described as follows:

(A) Beginning at a point 1344.5 feet North and 186.9 feet West of the Southeast corner of said Section 24, a strip of ground 40 feet wide, 10 feet on the left and 30 feet on the right of a meandering line from the point of beginning, the straight lines being connected with curves not more definitely described as follows, to wit: North 28° 40' West 285.9 feet; North 18° 42' West 225.6 feet; thence North 39° 12' West 278.8 feet; also a strip beginning at a point 2045.8 feet North and 411.1 feet West of the Southeast corner of said section; thence West 2073.6 feet, South 30 feet, East 2073.6 feet, and North 30 feet to point of beginning, containing altogether 2.15 acres.

(B) Beginning at a point on the East line of the 100 foot right of way of U. S. 191 at Engineer's Station 450+04.1, said point being North 0° 11' West 1779.1 feet from a point on the South boundary of said Section 24, 50 feet distant Easterly from the South quarter section corner of said Section 24; thence North 0° 11' West 120 feet; thence North 89° 49' East 100 feet; thence South 0° 11' East 120 feet; thence South 89° 49' West 100 feet to the point of beginning, and containing 0.2755 acre of land more or less.

(C) Beginning at the Northeast corner of the South half of the North half of the Southeast quarter of said Section 24; running thence South 136 feet; thence West 80 feet; thence North 136 feet; thence East 80 feet to the point of beginning, containing 1/4 of an acre more or less.

ACREAGE: 37.3245 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 24-10-3 ✓

*G. T. Walker*  
*I. B. Walker*



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 141

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>TH</sup> day of MARCH, 1973, by and between GUY V. HENRY and MADGE T. HENRY, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of the Southeast quarter of Section 24, Township 10 North, Range 3 West, SLM, containing 80 acres.

Containing 80 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 142

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of March, 1973, by and between DELBERT K. HOLMGREN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 33 feet South of the Northwest corner of Section 13, Township 10 North, Range 3 West, SLM, and running thence North 89° East 1976 feet on a line parallel to and 33 feet distant from the North line of said section; thence South 297 feet; thence North 89° East 660 feet; thence South 1015 feet; thence North 88° 39' West 727 feet; thence South 1° 07' West 429.7 feet; thence West 1898 feet; thence North 1677.7 feet along the West line of said section to the point of beginning.

EXCEPTING THEREFROM the following 1.26 acre parcel: Beginning at a point 411 feet West and 329 feet South of the Northeast corner of the Northwest quarter of said Section 13; and running thence South 13° East 146 feet; thence South 88° East 335 feet; thence North 156 feet; thence West 369 feet to the point of beginning, containing a net of 90.09 acres more or less.

Parcel 2: Beginning 520 feet West of the Northeast corner of the Northwest quarter of Section 13, Township 10 North, Range 3 West, SLM; and running thence West 137 feet; thence South 329 feet; thence East 254 feet; thence North 19° 20' West 349 feet to the point of beginning, containing 1.45 acres more or less.

Parcel 3: Lots 21, 22, 23 and 25 in the Northeast quarter of Section 13, Township 10 North, Range 3 West, SLM, containing 12.60 acres more or less.

EXCEPTING FROM said Lot 22 that portion thereof described as follows: Beginning South 78 feet from the Northeast corner of said Lot 22 (said 78 feet is now a street but is actually taken out of Lot 22); thence South 200 feet; thence West 160 feet; thence North 200 feet; thence East 160 feet to the point of beginning.

Parcel 4: Beginning at the Northeast corner of Lot 26, Section 13, Township 10 North, Range 3 West, SLM; thence running West 40 rods; thence South 2 1/2 rods; thence East 40 rods; thence North 2 1/2 rods to the point of beginning.

ACREAGE: 104.025 acres more or less

*Delbert K. Holmgren*

ABST'D. IN BOOK 5 OF See PAGE 13-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 143

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 8<sup>TH</sup> day of MARCH, 1973, by and between GERTRUDE R. JENSEN, Trustee;  
~~and OREGON SHORT LINE RAILROAD COMPANY, a corporation;~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 18.02 chains East of the Northwest corner of Section 17, Township 10 North, Range 2 West, SLM, at the East line of the County Road; running thence South 11.92 chains along said road; thence South 25° 02' East 17.28 chains; thence South 64° 54' East 8.34 chains; thence North 19° 17' East 1.92 chains; thence North 80° 20' East 42.62 chains to the West bank of Salt Creek; thence South 8° 30' East 12.57 chains; thence East 3.10 chains; thence North 64° 03' East 6.70 chains; thence North 31.08 chains to section line; thence West 68.16 chains to the point of beginning.

LESS: A strip of land 5 rods wide along the North side of said tract.

Containing 236.58 acres more or less.

Parcel 2: A strip of land 66 feet wide situate in and being all that part of Lot 3, Section 17, Township 10 North, Range 2 West, SLM, being parallel with and 46 feet in width, measured at right angles, on the Southwesterly side, and 20 feet in width, measured at right angles, on the Northeasterly side of the hereinafter described center line of the main track of Urban Branch of the Oregon Short Line Railroad Company, as formerly constructed and operated, and extending Southeasterly from the North line of said Lot 3 to a straight line that forms an angle of 64° 54' from North to Northwest with the East line of said Lot 3 at a point thereon that is 317.46 feet distant North from the Southeast corner of said Lot 3, measured along said East line.

ALSO: A strip of land 46 feet wide situate and being all that part of said Lot 3 that is bounded on the Northeasterly side by said hereinafter center line of main track of said Railroad Company as formerly constructed and operated, on the Southwesterly side by a line that is parallel with and 46 feet distant Southwesterly, measured at right angles and/or radially, from said center line of main track as formerly constructed and operated, on the Northerly side by said straight line that forms an angle of 64° 54' from North to Northwest with the East line of said Lot 3 at a point thereon that is 317.46 feet distant North from the Southeast corner thereof, measured along said East line, and on the South by the South line of said Lot 3.

Said center line of main track of Urban Branch of said Railroad Company as formerly constructed and operated over and across said Lot 3 being described as follows: Beginning at a point in the North line of said Lot 3 that is 1360 feet more or less distant East from the Northwest corner thereof, measured along said North line; thence Southeasterly along a straight line which forms an angle of 65° 07' from East to Southeast with said North line of Lot 3 a distance of 574.8 feet to a point in said straight line that forms an angle of 64° 54' from North to Northwest with the East line of said Lot 3; thence continuing Southeasterly along said straight line which forms an angle of 65° 07' from East to Southeast with said North line of Lot 3, a distance of 280.1 feet to a point; thence Southeasterly along a curve to the left having a radius of 2864.9 feet which is tangent at its point of beginning to the end of the last described line, a distance of 657.1 feet to a point in the South line of said Lot 3 that is 605 feet more or less distant West from the Southeast corner thereof, measured along said South line.

The above-described strips of land being a part of those certain strips or parcels of land heretofore conveyed to the Oregon Short Line Railroad Company by The Amalgamated Sugar Company by deed dated September 24, 1918 and recorded in Book 13 page 489, Deed Records of Box Elder County.

Parcel 3: Beginning 12.78 chains East of the Northwest corner of the Southwest quarter of the Northwest quarter of Section 17, Township 10 North, Range 2 West, SLM; running thence East 7.82 chains to Baker's Spur Extension right of way; thence South  $24^{\circ} 53'$  East 13.10 chains; thence Southeasterly along said right of way 7 chains to the Hammond Canal right of way; thence Northwesterly along said right of way 24.60 chains to the place of beginning, containing 5.72 acres more or less.

Parcel 4: Beginning at the Northeast corner of Section 18, Township 10 North, Range 2 West, SLM; thence West 80 rods; thence South 40 rods; thence East 40 rods; thence North 20 rods; thence East 40 rods; thence North 20 rods to the place of beginning.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point in the West line of highway 27 feet more or less West and 33 feet South of the Northeast corner of said Section 18; running thence West 80 feet; thence South 200 feet; thence East 80 feet; thence North 200 feet to the place of beginning.

Parcel 5: Commencing 20 rods South of the Northeast corner of Section 18, Township 10 North, Range 2 West, SLM; running thence West 40 rods; thence South 20 rods; thence East 40 rods; thence North 20 rods to the place of beginning, containing 5 acres more or less.

Parcel 6: ALSO: The South half of Lot 1 of said Section 18, containing 19.75 acres more or less.

Parcel 7: Beginning 1333 feet South and 472 feet East of the Northwest corner of the Northeast quarter of Section 18, Township 10 North, Range 2 West, SLM; running thence North 841 feet; thence East 214 feet; thence South 841 feet; thence West 214 feet to the place of beginning, containing 4.14 acres more or less.

Parcel 8: ALSO: Beginning 2 rods South and 3 rods West of the Northeast corner of Lot 2, Section 18, Township 10 North, Range 2 West, SLM; running thence South 78 rods; thence West 37 rods; thence North 78 rods; thence East 37 rods to the place of beginning, containing 18.03 acres more or less.

ACREAGE: 311.15 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 17-10-2 ✓  
18-10-2 ✓

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 145

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27<sup>th</sup> day of February, 1973, by and between LEO L. NELSON

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1620.5 feet West and 16.5 feet North of the Southeast corner of Section 17, Township 10 North, Range 2 West, SLM; thence East 1396.5 feet; thence North 39° East 317.9 feet; thence North 1868.7 feet; thence North 15° 04' West 860 feet; thence West 471.5 feet; thence South 2553.5 feet; thence West 377 feet; thence South 187.8 feet; thence West 523 feet; thence South 0° 25' West 206.3 feet to point of beginning. Less reservation for canal. Containing 50 acres.

Parcel 2: The East 120 feet of the South 65 feet of the following parcel of land: Beginning at the Southeast corner of the Southwest quarter of Section 17, Township 10 North, Range 2 West, SLM; thence North 396 feet; thence West 594 feet; thence South 396 feet; thence East 594 feet to point of beginning.

ACREAGE: 50.89 acres more or less

*L.L.N.*

ABST'D. IN BOOK 5 OF Sec PAGE 17-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 146

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day of MARCH, 1973, by and between RAYMOND N. NELSON and LA VONE B. NELSON, his wife; ~~and OREGON SHORT LINE RAILROAD COMPANY,~~  
~~a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1620.5 feet West and 16.5 feet North of the Southeast corner of Section 17, Township 10 North, Range 2 West, SLM, and running thence North 0° 25' East 206.3 feet; thence East 523 feet; thence North 187.8 feet; thence East 377 feet; thence North 927 feet; thence West 1916.6 feet; thence South 323 feet; thence South 45° East 46.5 feet; thence South 965.1 feet; thence East 982.1 feet to place of beginning. Containing 51.23 acres more or less.

Parcel 2: Beginning at the Southeast corner of the Southwest quarter of Section 17, Township 10 North, Range 2 West, SLM; running thence North 44 rods; thence West 36 rods; thence South 44 rods; thence East 36 rods to place of beginning, containing 9.6 acres more or less.

EXCEPTING THEREFROM the East 120 feet of the South 65 feet thereof.

ACREAGE: 59.95 acres more or less

*Raymond N. Nelson*  
*La Vone B. Nelson*

ABSTD. IN BOOK 5 OF Sec PAGE 17-10-2

RECORDING REQUESTED

38409H

BOOK 257 PAGE 147

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 8<sup>TH</sup> day of MARCH, 1973, by and between KENT R. JENSEN and JO DORIS A. JENSEN, also known as Jo Doris Jensen, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lots 1, 6, 7 and 8, of Section 19, Township 10 North, Range 2 West, SLM.

Parcel 2: That portion of the Southeast quarter of Section 18, Township 10 North, Range 2 West, SLM, described as follows: Beginning at a point on West side of County Road, being 27 feet more or less West from the Northeast corner of the Southeast quarter of said section; thence South along road 198 feet; thence West 330 feet; thence North 198 feet; thence East 330 feet to point of beginning.

Containing 223.25 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy; and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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19-10-2

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 148

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10th day of March, 1973, by and between GODFREY H. POMMIER and SANTOS S. POMMIER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at a point North 554.95 feet and East 821.15 feet of the Southwest corner of Section 19, Township 10 North, Range 2 West, SLM; thence South 39° 38' East 215.47 feet; thence South 66° 27' East 1037.6 feet; thence South 58° 27' East 240 feet; thence North 859 feet; thence North 79° 12' West 350 feet; thence North 62° 03' West 400.3 feet; thence North 43° 12' West 346.8 feet; thence North 28° 32' West 346.7 feet; thence North 20° 01' West 565.66 feet; thence South 1493.03 feet to beginning, containing 26.80 acres.

Parcel 2: Commencing at a point North 348.05 feet and East 821.15 feet from the Southwest corner of Section 19, Township 10 North, Range 2 West, SLM; thence South 35° 30' East 152.6 feet; thence South 73° 38' East 203.4 feet; thence South 48° 08' East 102.65 feet; thence North 88° 09' East 185.6 feet; thence South 46° 54' East 256.7 feet; thence South 78° 15' East 246.1 feet; thence South 58° 54' East 372.6 feet; thence North 162.9 feet; thence North 58° 27' West 240 feet; thence North 66° 27' West 1037.6 feet; thence North 39° 38' West 215.47 feet; thence South 206.9 feet to beginning, containing 4.986 acres more or less.

ACREAGE: 31.866 acres more or less

*G. Pommer*  
*S. Pommer*

ABST'D. IN BOOK 5 OF Sec PAGE 19-70-2

RECORDING REQUESTED

38409H

BOOK 257 PAGE 149

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>TH</sup> day of MARCH, 1973, by and between THOMAS WADDOUPS

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of the Northeast quarter of Section 20, Township 10 North, Range 2 West, SLM, less rights of way for railroad, County Road and the Hammond Canal.

Containing 76 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 150

WHEN RECORDED MAIL TO

NOV 26 1973

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day of MARCH, 1973, by and between RAYMOND N. NELSON and LA VONE B. NELSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northwest corner of Section 20, Township 10 North, Range 2 West, SLM; thence running South 3530 feet to Bear River; thence North 42° 32' East 263 feet; thence North 68° 30' East 519 feet; thence North 89° East 432 feet; thence South 24° East 373 feet; thence North 3290 feet to North line of section; thence West 1420 feet to beginning, containing 103.6 acres more or less.

Parcel 2: Beginning at a point 366.3 feet South from the Northeast corner of the Southwest quarter of Section 20, Township 10 North, Range 2 West, SLM; thence South 59° 30' West 505.6 feet; thence South 1° 45' East 483.8 feet; thence South 48° 38' East 469.3 feet; thence South 17° 34' West 400 feet; thence South 88° 44' West 377.6 feet; thence South 57° 19' East 365.6 feet; thence South 69° 22' East 275.9 feet; thence North on the quarter section line 1734.5 feet to beginning, containing 11.14 acres more or less.

Parcel 3: Beginning at the center of Section 20, Township 10 North, Range 2 West, SLM; thence running South 1° East 342 feet; thence South 60° 37' West 500 feet; thence South 1° 40' East 476 feet more or less to Bear River; thence meandering said river North 68° 16' West 960 feet; thence North 700 feet to a point 80 rods West of the point of beginning; thence East 80 rods to the point of beginning. Containing 22.25 acres more or less.

ACREAGE: 136.99 acres more or less

*Raymond N. Nelson*  
*LaVone B. Nelson*

*R*

ABST'D. IN BOOK 5 OF Sec PAGE 20-10-2

RECORDING REQUESTED

38409H

BOOK 257 PAGE 151

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2 day of MARCH, 1973, by and between MILTON A. BYWATER and LILAS S. BYWATER, his wife (Seller) ; and DARWIN L. BYWATER and BETTY M. BYWATER, his wife (Buyer)  
ALSO KNOWN AS BETTY RAE M. BYWATER

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Southeast corner of Section 20, Township 10 North, Range 2 West, SLM; running thence North 10.60 chains; thence West 22.18 chains; thence South 72° 50' West 18.56 chains; thence South 8.75 chains more or less to South line of said section; thence East along section line 40 chains to point of beginning, containing 45 acres, more or less.

Containing 45 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
- (b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 152

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10<sup>th</sup> day of March, 1973, by and between VERLYN MAE JENSON, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning 33 feet West and 1644 feet North of the Southeast corner of Section 7, Township 10 North, Range 2 West, SLM; thence running West 1287 feet to Hammond Canal right of way; thence North 1173 feet; thence East 1287 feet; thence South 1173 feet to point of beginning, containing 35 acres more or less.

Containing 35 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK 5 OF Sec. PAGE 7-10-2

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 153

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of March, 1973, by and between MARJORIE STOKES LARSON, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The North half of the Northeast quarter of Section 25, Township 10 North, Range 3 West, SLM, except roads, containing 73.12 acres.

Parcel 2: The Northwest quarter of Section 25, Township 10 North, Range 3 West, SLM, except roads and right of way of M.V.R.R., containing 146.04 acres more or less.

*M.S.L.*  
*72610*

Containing ~~259.16~~ acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 154

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of March, 1973, by and between HELEN MARIE MC MURDIE

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The North half of the North half of Section 26, Township 10 North, Range 3 West, SLM.

Reserving therefrom the 10 acres described as the Northeast quarter of the Northwest quarter of the Northeast quarter of said section.

Containing 150 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 26-10-3 ✓

Page 105



RECORDING REQUESTED

38409H

BOOK 257 PAGE 155

NOV 26 1973

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of March, 1973, by and between LUCILLE WENNEGREN <sup>R. G.V.</sup> *L.W.*

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South half of the North half of Section 26, Township 10 North, Range 3 West, SLM.

Containing 160 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 26-10-3 ✓

Page 106

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 156

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of March, 1973, by and between ~~A. J. TAYLOR, a widower~~ (Vendor) and KARL O. NORMAN and NELDA A. NORMAN, his wife (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The East half of the Northeast quarter of Section 27, Township 10 North, Range 3 West, SLM.

EXCEPTING THEREFROM the following: Beginning at a point 33 feet South and 33 feet West from the Northeast corner of the Northeast quarter of said Section 27, said point being the intersection of County Road right of way; running thence South along road 805.07 feet; thence West 270.55 feet; thence North 805.02 feet to County Road right of way; thence East 270.55 feet along road to the point of beginning, containing 5.0 acres.

Containing 75 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 157

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 6th day of March, 1973, by and between KARL O. NORMAN and NELDA A. NORMAN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona. 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

A part of the Northeast quarter of Section 27, Township 10 North, Range 3 West, SLM, being more particularly described as follows:

Beginning at a point 33 feet South and 33 feet West from the Northeast corner of the Northeast quarter of said Section 27, said point being the intersection of County Road right of way; running thence South along road 805.07 feet; thence West 270.55 feet; thence North 805.02 feet to County Road right of way; thence East 270.55 feet along road to the point of beginning, containing 5.0 acres.

Containing 5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 27-10-3 ✓

Page 108

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 158

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the <sup>3rd</sup> day of MARCH, 1973, by and between

MILTON N. YAGI and RAEKO YAGI, his wife, and  
JUNIOR N. YAGI and SELMA YAGI, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Northwest corner of Section 33, Township 10 North, Range 3 West, S1M; thence East 1861 feet; thence South 1320 feet; thence East 3419 feet more or less to East line of said Section 33; thence South 403 feet more or less along the East line of said section to a point 917 feet North of the half section line; thence South 89° West 766 feet; thence South 73° 45' West 366 feet; thence South 88° 40' West 475 feet; thence South 16° 45' West 379 feet; thence South 18° 53' West 251 feet; thence South 6° 15' West 170 feet to a point 1805 feet West of the Southeast corner of the Northeast quarter of said Section 33; thence West on the half section line to the Southwest corner of the Northwest quarter of said Section 33; thence North on the West line of said section 2640 feet more or less to the point of beginning.

ALSO, the North half of the Northwest quarter of the Southwest quarter of said Section 33, Township 10 North, Range 3 West, S1M.

ACREAGE: 198.37 acres more or less according to Assessor

*M. N. Yagi*  
*R. Yagi*  
*Selma Yagi*  
*Junior Yagi*

ABST'D. IN BOOK 5 OF Sec PAGE 33-10-34

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 159

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

*m. n.*

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of February, 1973, by and between

TOMOAKI NAGAO and JUNE T. NAGAO, his wife;

KOJI NAGAO and MARY C. NAGAO, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 2 rods West and 4 rods North of the Southeast corner of Section 31, Township 11 North, Range 2 West, SLM; thence North 38.50 chains to a point 2 rods West of the East quarter corner of said Section 31; thence West along quarter section line 1630 feet more or less to the East line of Interstate Freeway; thence South 31° 42' 30" East 3027 feet more or less to a point due West of point of beginning; thence East 50 feet more or less to beginning. Containing 48.29 acres more or less.

EXCEPTING THEREFROM the following: Beginning at a point 2607 feet North and 33 feet West of the Southeast corner of Section 31; running thence South 662 feet; thence West 330 feet; thence North 662 feet; thence East 330 feet to beginning, containing 5 acres more or less.

ALSO: Beginning 4 rods North and 355 feet West more or less and North 31° 42' 30" West 2607.28 feet (said point being on West line of Interstate Freeway) from Southeast corner of Section 31, Township 11 North, Range 2 West, SLM; thence North 31° 42' 30" West 420 feet more or less along West property line of said Freeway to North line of Southeast quarter of said Section 31; thence West along said North line 700 feet more or less to Northwest corner of Southeast quarter of said section; thence South along the quarter section line 742.50 feet; thence South 84° 10' East 488.40 feet; thence South 42° 45' East 214.50 feet; thence South 27° 30' East 485.10 feet; thence South 10° East 115.50 feet; thence East 112.20 feet; thence North 3° 27' 23" West 1138.34 feet to beginning. Containing 19 acres more or less.

Parcel 2: Lot 2 in Block 2, and Lots 2 and 3 in Block 3, Flat "A" Honeyville Townsite Survey, situated in the Northeast quarter of Section 5, Township 10 North Range 2 West, SLM.

Parcel 3: Lots 4 and 5, Block 4, Honeyville Townsite.

Parcel 4: Beginning at a point 2702 feet South and 1003 feet West of the corner common to Sections 4 and 5, Township 10 North, Range 2 West, SLM, and Sections 32 and 33, Township 11 North, Range 2 West, SLM; thence South 50 feet; thence North 88° 20' West 1661 feet, North 50 feet, South 88° 20' East 1661 feet to beginning, being a part of Block 6, Honeyville Townsite. Containing 1.90 acres.

Also, remainder of original tract, beginning at the Northeast corner of Block 7, Flat "A" Honeyville Survey; thence South 440 feet; thence West 1650 feet; thence North 426 feet; thence East 1650 feet to beginning, containing 13.9 acres more or less.

Also, beginning at a point 1743 feet North of the South <sup>west</sup> corner of Section 5, Township 10 North, Range 2 West, SLM; thence North 660 feet; thence East 1398 feet more or less to a point 1253 feet West of the center line of said section; thence North 287 feet; thence East 1253 feet; thence South 965 feet; thence West 160 rods more or less to beginning. Containing 48.60 acres.

EXCEPTING THEREFROM that certain 6.23 acre parcel of land taken by the State Road Commission of Utah in Final Order of Condemnation recorded February 16, 1961 in Book 144 page 641, Records of Box Elder County.

Containing 15.9 acres, more or less.

- ✓ J. N
- ✓ J. N
- ✓ K. H
- ✓ M. N

J.G.V.  
subscribing witness.

ABST'D. IN BOOK 5 OF Sec PAGE 5-10-2 ✓  
 3 of Sec pg. 31-11-2 ✓  
 2 of 2nd pg. 144 ✓  
                   159 ✓  
                   211 ✓  
                   302 ✓  
 4 of 2nd pg. 9 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 161

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day

of March, 1973, by and between DEVERN JAMES RASMUSSEN and CORA RASMUSSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 3972.9 feet North of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 89° 30' West 907 feet; thence South 50° West 768.2 feet; thence South 29° 12' East 350.5 feet; thence North 57° 05' East 1467.5 feet; thence East 85.6 feet; thence North 16 feet to the point of beginning, less roads.

ALSO EXCEPT that portion described as follows: Beginning at a point 3972.9 feet North and South 89° 30' West 907 feet and South 50° West 768.2 feet and South 29° 12' East 350.5 feet from the Southeast corner of said Section 9 to the true point of beginning; thence running North 29° 12' West 121 feet along the East side of State Highway; thence North 57° 05' East 360 feet; thence South 29° 12' East 121 feet; thence South 57° 05' West 360 feet to beginning, containing 1 acre.

Parcel 2: Beginning at a point 1547 feet West and 340 feet South of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM, and running North 23° 41' West 648.8 feet; thence South 56° 48' West 472.4 feet; thence South 81° 03' West 393 feet; thence South 0° 28' West 1006.5 feet; thence North 54° 50' East 1279 feet to beginning.

EXCEPTING THEREFROM the following: Beginning at a point 2571 feet West and 67 feet South of the Northeast corner of said Section 16, Township 10 North, Range 2 West, SLM; thence South 0° 28' West 1006.5 feet to the County Road; thence North 54° 50' East 819.5 feet along said road; thence North 28° 47' West 325.25 feet; thence North 63° 57' West 570 feet to point of beginning.

Parcel 3: Beginning at a point 754.4 feet North of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence running North 54° 44' East 64.2 feet to County Road; thence North 32° 18' West 838.7 feet along said road; thence South 58° 23' West 1681.7 feet; thence South 23° 45' East 71 feet; thence South 44° 05' East 253 feet; thence South 58° 55' West 87 feet; thence South 23° 45' East 640 feet; thence North 54° 44' East 1762.7 feet to the point of beginning, less roads, containing 35.44 acres more or less.

ACREAGE: 53.18 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 950-2

10-10-21  
16-10-21

*DR*  
*CR*

*Page 112*



RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 162

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of MARCH, 1973, by and between WILLIAM HURD and IRIS HURD, his wife (Contract Sellers) and MAURICE L. REEDER and PRUDENCE W. REEDER, his wife (Contract Buyers)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1581.5 feet South and 330 feet East from the Northeast corner of the Northwest quarter of Section 29, Township 10 North, Range 2 West, SLM; thence South 1070 feet; thence West 757 feet; thence North 28° 33' West 743 feet; thence South 86° 35' West 1200 feet to the Southwest corner of Lot 46, River Bank Tract; thence North 720 feet more or less to the Northwest corner of said Lot 46; thence East 553 feet; thence South 13° 40' East 165 feet; thence South 82° 40' East 292 feet; thence South 54° 25' East 210 feet; thence East 235 feet; thence North 85 feet; thence East 1025 feet to beginning.

Also beginning at a point 1347 feet South and 2011.7 feet West from the Northeast corner of the Northwest quarter of said Section 29; thence South 696 feet; thence North 85° 00' West 1070 feet; thence North 21° 00' East 645 feet; thence East 834 feet to beginning.

(The above descriptions from survey made by W. H. Griffiths, R.L.S. No. 186 on April 12, 1958.)

ACREAGE: 56.12 acres more or less according to Assessor

*M.L.R.*  
*P.H.R.*  
*W.H.*  
*J.H.*

ABSTD. IN BOOK 5 OF Seq PAGE 29 10-2 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 163

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day of MARCH, 1973, by and between MAURICE L. REEDER and PRUDENCE W. REEDER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The South half of Lot 1, and all of Lots 2, 31, 32, 55, 56, 57 and 58 of Tract "A" Riverbank Tract in Section 29, Township 10 North, Range 2 West, SLM, containing 35.50 acres.

Parcel 2: Lots 33, 34, 35 and 36 of Tract "A" Riverbank Tract in Section 29, Township 10 North, Range 2 West, SLM, containing 18.78 acres.

Parcel 3: Lots 39 and 52 of Tract "A" Riverbank Tract in Section 29, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM the following: Beginning 25 feet West of the Northeast corner of Lot 39; thence South 245 feet; thence West 305 feet; thence North 245 feet; thence East 305 feet to the point of beginning.

ABST'D. IN BOOK 5 OF Sec PAGE 29-10-2 ✓

RECORDING REQUESTED

38409H

BOOK 257 PAGE 164

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7 day of MARCH, 1973, by and between EPHRIAM M. JOHNSON, also known as Ephraim M. Johnson, and VERNA K. JOHNSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lots 86, 87, 88 and 89 in Tract "A" Riverbank Tract situated in Section 29, Township 10 North, Range 2 West, SLM.

Parcel 2: Lots 84 and 85 in Tract "A", Riverbank Tract situated in Section 29, Township 10 North, Range 2 West, SLM.

Containing 31.50 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"); including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 165

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23 day of MARCH, 1973, by and between REX P. BARKER and GRACE O. BARKER, his wife (Contract Sellers) and MERLIN L. REEDER and JACQUELINE D. REEDER, his wife, (Contract Buyers)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 3 rods East of the Northwest corner of Section 33, Township 10 North, Range 2 West, SLM; thence South 40 rods; thence East 157 rods; thence North 40 rods; thence West 157 rods to the point of beginning. Containing 39.25 acres more or less.

Containing 39.25 acres, more or less.

ABST'D. IN BOOK 5 OF Sec PAGE 33710-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 166

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 13<sup>th</sup> day of March, 1973, by and between

GEORGE MARCUS McINTIRE AND LILLIAN C. HILL McINTIRE, his wife, (SELLERS)

JOHN DEE HARDY AND EDNA S. HARDY, his wife, (BUYERS)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1194 feet South and 50 feet East of the Northwest corner of Section 33, Township 10 North, Range 2 West, SLM; thence South 89° 38' East 2590 feet; thence along the North bank of a ditch to the half section line; thence South along said section line 373 feet; thence West 2590 feet more or less; thence North 392 feet more or less to the point of beginning.

ALSO: Beginning 1194 feet South of the Northwest corner of Section 33, Township 10 North, Range 2 West, SLM; thence North 534 feet; thence East 160 rods; thence South 538½ feet; thence North 88° 38' West 160 rods to beginning.

Containing 55.4 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 167

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10<sup>th</sup> day of March, 1973, by and between MILES O. THOMPSON and NOLA S. THOMPSON, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 548 feet South of "Section Corner by Agreement" which point is 1060 feet South and 4620 feet West of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; running thence South 362 feet; thence East 990 feet to the Southwest corner of Lot 23, River Bank Tract "B"; thence North 660 feet; thence East 134 feet; thence South 104 feet; thence North 87° 18' East 131 feet; thence South 0° 05' West 839.9 feet; thence East 725.5 feet to the quarter section line; thence South 400 feet; thence West 1980 feet; thence North 340 feet; thence West 3500 feet to the River; thence North 43° 30' West 890 feet; thence East 4080 feet to the point of beginning.

Parcel 2: Beginning at the Northwest corner of Lot 46, River Bank Tract "B"; running thence East 1320 feet; thence South 140 feet; thence South 56° West 495 feet; thence South 72° 05' West 508.85 feet; thence South 23° 30' West 763 feet; thence West 420 feet; thence North 820 feet to a point 160 feet North of the Northwest corner of Lot 62 of said River Bank Tract; thence East 330 feet; thence North 500 feet to the point of beginning.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 1336.5 feet North and 2577 feet West from the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM, said point being on the North right of way line of road and 405 feet East of the Southwest corner of Lot 62, River Bank Tract "B"; thence North 23° 30' East 792 feet; thence North 65° 30' West 188 feet; thence South 23° 30' West 873.8 feet to road; thence East 205 feet to the point of beginning, being part of Lots 45, 46, 62, 63 and 64 River Bank Tract "B" in the South half of Section 32, Township 10 North, Range 2 West, SLM.

Containing 160.50 acres, more or less.

X M.O.S.

X N.S.S.

J.C.V. N

ABSTD. IN BOOK 5 OF Ser. PAGE 32=10-2 ✓

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 168

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 13 day of March, 1973, by and between

BOX ELDER COUNTY

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lots 91 to 101 inclusive and the North 14.55 chains of Lots 102 to 112 inclusive of River Bank Tract "B" in Section 31, Township 10 North, Range 2 West, SLM.

Containing 77 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands, as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 169

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 31 day of March, 1973, by and between JOHN DEE HARDY and EDNA S. HARDY, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

- Parcel 1: Beginning at a point 49.5 foot West and 585.8 foot South of the Northeast corner of the Southeast quarter of Section 32, Township 10 North, Range 2 West, SLM; thence South 717.7 feet; thence West 470.5 feet; thence North 717.7 feet; thence East 470.5 feet to the beginning, containing 7.61 acres more or less.
- Parcel 2: Beginning at a point 49.5 foot West and 15 feet South of the Northeast corner of the Southeast quarter of Section 32, Township 10 North, Range 2 West, SLM; thence South 570.8 feet; thence West 470.5 feet; thence North 570.8 feet; thence East 470.5 feet to the beginning, containing 6.15 acres more or less.
- Parcel 3: Beginning 49.5 feet West and 1619 feet South of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 1006 feet; thence West 610.5 feet; thence North 584 feet; thence North 45° 32' East 600 feet; thence East 182 feet to the beginning, containing 12 acres more or less.
- Parcel 4: Beginning at a point 1602.5 feet South and 49.5 feet West of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 1 rod; thence West 182 feet; thence South 45° 32' West 600 feet; thence South 584 feet; thence West 541.2 feet; thence North 42° East 808 feet; thence North 45° 32' East 600 feet; thence East 188 feet to the beginning, containing 3.72 acres more or less.
- Parcel 5: Beginning at a point 318.5 feet West and 1682.5 feet South of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 45° 32' West 477.5 feet; thence North 78.5 feet; thence North 38° 05' East 411 feet; thence South 52° 55' East 106.5 feet to the beginning, containing 0.8 of an acre.
- Parcel 6: Beginning 49.5 feet West and 1508.3 feet South of the Northeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 94.2 feet; thence West 188 feet; thence South 45° 32' West 112 feet; thence North 52° 55' West 106.5 feet; thence North 38° 05' East 139 feet; thence East 268 feet to the beginning, containing 0.82 acre.
- Parcel 7: Beginning at a point 1336.5 feet North and 660 feet West of the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence West 1870.7 feet; thence North 23° 30' East 763 feet; thence North 72° 05' East 508.86 feet; thence North 56° 08' East 495 feet; thence North 41° 50' East to the North line of Lot 42; thence East to the Northeast corner of Lot 41; thence South to the beginning.

Also a 1 rod strip on the West side of Grantor's land beginning near the Southwest corner of Lot 63; thence Northeasterly through Lots 63, 45, 44, 43 and 42 to a point in the North line of Lot 42.

Also beginning 520 feet West and 2625 feet South of the Northeast corner of said section; thence South 1303.8 feet to the South boundary of Lot 40, Tract B, River Bank Tract; thence West 140 feet; thence North 1303.8 feet; thence East 140 feet to the beginning.

Containing in all 44.75 acres.

ACREAGE: 75.85 acres more or less

J. D. H.  
E. J. R. N

RECORDING REQUESTED

38409H

BOOK 257 PAGE 171

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7 day of MARCH, 1973, by and between EPHRAIM M. JOHNSON and VERNA K. JOHNSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lot 5 in Tract B of the River Bank Tract "B" in Section 32, Township 10 North, Range 2 West, SLM.

Containing 5.50 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 172

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10 day of MARCH, 1973, by and between CLAUDE N. GILBERT and MELISSA W. GILBERT, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; thence South 89° 25' East 582 feet to Bear River; thence South 20° 55' East 287 feet; thence South 27° 17' East 383 feet; thence South 35° 46' East 319 feet; thence South 41° 24' East 286 feet; thence South 45° 30' East 405.70 feet; the last five courses being along Bear River; thence West along the North line of irrigation ditch 1525 feet to section line; thence North along the West line of said Section 31, 1369 feet to the beginning, containing 28.87 acres more or less.

Parcel 2: Beginning at a point 1381 feet South and 33 feet East of the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; thence East 1352.5 feet; thence South 30° 05' East 769 feet; thence West 683.5 feet; thence North 42.8 feet; thence West 618 feet; thence North 329.7 feet; thence West 452 feet; thence North 298 feet parallel and 33 feet distant from the West line of section to the beginning.

Parcel 3: Beginning at a point 1375 feet South and 1422 feet East of the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; thence East 103 feet to Bear River; thence South 45° 20' East 325 feet along Bear River; thence South 74° 37' West 190 feet; thence North 30° 05' West 332 feet to the beginning, containing 0.9 acre.

Parcel 4: Beginning at a point 1679 feet South and 33 feet East from the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; thence East 452 feet; thence South 329 feet; thence West 452 feet; thence North 329 feet to the point of beginning, containing 3.4 acres more or less.

Parcel 5: Beginning at a point 1369 feet South and 1382 feet East from the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; thence East 40 feet; thence South 30° 05' East 332 feet; thence North 70° 42' East 178 feet to the Bear River; thence South 45° 20' East 160 feet; thence South 52° 14' East 314 feet; thence South 45° 20' East 174 feet; thence South 86° West 470 feet; thence North 30° 51' West 796 feet to the beginning.

ACREAGE: Parcels 1 - 4: 52.83 acres more or less  
Parcel 5: ?

*c.g. y.*  
*M.W.G.*  
4.00  
56.83

ABSTD. IN BOOK 5 OF ser PAGE 31-40-2

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 173

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3 day of MARCH, 1973, by and between ROBERT C. GILBERT and JOY W. GILBERT, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1369 feet South and 1382 feet East from the Northwest corner of Section 31, Township 10 North, Range 2 West, SLM; running thence East 40 feet; thence South 30° 05' East 322 feet; thence North 70° 42' East 178 feet to the Bear River; thence South 45° 20' East 160 feet; thence South 52° 14' East 314 feet; thence South 45° 32' East 480 feet; thence South 41° 47' East 346 feet; thence South 37° 32' East 524 feet (the last five courses being along the Bear River); thence South 57° 51' West 72 feet; thence South 15° 21' West 410 feet; thence North 30° 29' West 280 feet to the Mill Ditch; thence South 57° 43' West 535 feet along the Mill Ditch; thence South 11° 40' East 168.1 feet to a point which is North 15° 21' East 40 feet from the Northwest corner of Block 143, Corinne City Survey; thence running North 74° 09' West 1409 feet; thence North 62° 30' West 210 feet; thence North 18° 50' West 370 feet; thence East 1197 feet; thence North 2° 28' East 418 feet; thence North 5° 38' West 214 feet; thence North 30° 05' West 844 feet more or less to the point of beginning.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 1369 feet South and 1382 feet East from the Northwest corner of said Section 31; thence East 40 feet; thence South 30° 05' East 332 feet; thence North 70° 42' East 178 feet to the Bear River; thence South 45° 20' East 160 feet; thence South 52° 14' East 314 feet; thence South 45° 20' East 174 feet; thence South 86° West 470 feet; thence North 30° 51' West 796 feet to the point of beginning.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 2960 feet East and 2960 feet South from the Northwest corner of said Section 31, said point being on the South side of the Mill Ditch; thence South 15° 21' West 400 feet; thence North 30° 28' West 280 feet; thence North 30° 11' East 290 feet more or less to the point of beginning, containing 0.9 acre more or less.

ACREAGE: 40.4 acres more or less according to Assessor

*R. C. G.  
J. W. G.*

*R*

ABSTD. IN BOOK 5 OF Sec PAGE 31-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 174

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 13 day of MARCH, 1973, by and between PAUL R. HUNSAKER and SADIE M. HUNSAKER, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point distant 262.8 feet West and 1266.2 feet North from the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; running thence North 482.8 feet; thence North 83° 33' East 1591.9 feet; thence North 749.5 feet more or less to the North line of the Southwest quarter of said Section 36; thence East 1320 feet to the East line of said Southwest quarter of Section 36; thence South 1174 feet; thence South 85° 16' West 2911.8 feet to the point of beginning.

EXCEPTING THEREFROM 3 acres along the South line thereof lying East of Highway conveyed to F. D. Hunsaker by deed dated February 17, 1919 and recorded in Book 23 of Deeds page 512.

ALSO EXCEPTING THEREFROM a strip of land 66 feet wide conveyed to Ogden Rapid Transit Company, a corporation, by deed dated October 13, 1914 and recorded in Book 7 of Deeds page 503.

ACREAGE: 50.92 acres more or less according to Assessor

*PR.H.*  
*S.M.H. N*

ABSTD. IN BOOK 5 OF Sec PAGE 36-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 175

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of FEBRUARY, 1973, by and between WILLIAM W. SMITH ~~and NEIL R. SMITH~~ a widower and MILLER & VIELE, a Utah corporation,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at a point 58 feet South and 137.9 feet West of the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; thence West 124.9 feet; thence North 769 feet; thence North 86° 52' East 2906.2 feet; thence South 927.8 feet more or less to the Southeast corner of the Southwest quarter of said Section 36; thence South 88° 48' West 2780.5 feet to the point of beginning, containing 58.43 acres more or less.

EXCEPTING THEREFROM all rights of way as now located across said land, including 2.4 acres more or less occupied by pole line.

Parcel 2: Beginning 262.8 feet West and 769 feet North of the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; thence North 497.2 feet; thence North 85° 16' East 2911.8 feet more or less to the quarter section line; thence South on quarter section line 579 feet; thence South 86° 52' West 2906.2 feet to the beginning, containing 35 acres more or less, except roadways.

EXCEPT FROM Parcels 1 and 2 above, all that part lying East of the State Highway as now established.

Containing 95.83 acres, more or less.

W.W.S.  
*[Handwritten signatures]*

ABSTD. IN BOOK 5 OF Sec PAGE 36-10-2



Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 176

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14<sup>th</sup> day of March, 1973, by and between

WILLIAM MISRASI and KATHLEEN MISRASI, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northwest corner of the Southeast quarter of Section 2, Township 10 North, Range 3 West, SLM; thence North 84° 42' East 435 feet; thence South 0° 12' East 1455 feet to Bear River Canal right of way; thence South 23° 18' West 503 feet parallel to canal and within 50 feet of the center of canal; thence South 84° 42' West 240 feet; thence North on quarter section line 1898.9 feet to the beginning, containing 17.97 acres more or less.

Parcel 2: Beginning at a point 792 feet East and 531 feet South from the Northwest corner of the Southeast quarter of Section 2, Township 10 North, Range 3 West, SLM; thence South 41° 07' East 150 feet; thence South 22° 22' East 612 feet; thence South 7° 15' East 511 feet; thence South 33° 39' East 115 feet, the last 4 courses being along the Bear River Canal Spillway; thence South 86° 25' West 910 feet along the North line of M. Hansen's land; thence North 26° 00' East 452 feet; thence North 16° 30' East 200 feet; thence North 14° 40' East 765 feet, the last 3 courses being along the East line of the Bear River Canal right of way, to the point of beginning, containing 14 acres more or less.

Parcel 3: Beginning at a point that bears North 86° 25' East 432 feet and South 33 feet from the Northwest corner of the Southeast quarter of Section 2, Township 10 North, Range 3 West, SLM; thence South 0° 30' East 1380 feet; thence East 26 feet; thence North 14° 40' East 1455 feet along the West line of Bear River Canal right of way; thence South 86° 25' West on a line parallel to and 33 feet South of the quarter section line 405 feet to the beginning, containing 6.80 acres more or less.

Parcel 4: Beginning at a point on the North side of Bear River Canal right of way 365 feet North of the Southwest corner of the Southeast quarter of Section 2, Township 10 North, Range 3 West, SLM; thence North along the quarter section line 460 feet; thence North 85° 24' East 240 feet to said canal right of way; thence South 26° 22' West 535 feet more or less to the point of beginning.

ACREAGE: 40.05 acres more or less

ABST'D. IN BOOK

5 OF Sec PAGE 2-10-3

*William Misrasi*  
*Kathleen Misrasi*

*M*

*J.C.V.*

Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 177

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>th</sup> day

of February, 1973, by and between

M.H.  
T.H.H.

~~RODNEY M. HANSEN and PAULINE H. FORSGREN~~

TED H. HANSEN and JANICE W. HANSEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 2: Beginning at a point South 89° 56' West 371 feet from the Northeast corner of the Northwest quarter of Section 2; thence running South 86° 56' West 1121 feet; thence South 1° 04' West 1586 feet; thence East 305 feet; thence North 212 feet; thence North 86° 50' East 1670 feet; thence North 18° West 840 feet; thence North 29° 45' West 120 feet; thence West 255 feet; thence North 130 feet; thence West 349 feet; thence North 273 feet to the beginning, containing 52.9 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 2-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 178

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23<sup>rd</sup> day

of February, 1973, by and between

~~ARNOLD R. HANSEN and LEORA HANSEN, his wife,~~

TH HANSEN AND JANICE HANSEN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 33 feet North of the Southeast corner of the Northwest quarter of Section 2, Township 10 North, Range 3 West, 51M; thence South 86° 25' West 300 feet; thence South 33 feet; thence South 86° 25' West 1232 feet; thence North 1° 04' East 1166 feet; thence East 305 feet; thence North 212 feet; thence North 86° 50' East 1670 feet; thence South 32° 10' East 206 feet; thence South 2° 04' East 569 feet; thence South 83° 40' East 34 feet; thence South 1° 44' West 630 feet to a point 33 feet North of the quarter section line; thence South 86° 25' West 630 feet to the beginning.

EXCEPTING THEREFROM that portion described as follows: Beginning at a point that is South 86° 25' West 201 feet and North 1° 15' East 1079 feet from the Southeast corner of the Northwest quarter of Section 2; thence South 86° 50' West 258 feet; thence North 1° 15' East 300 feet to the North line of Arnold Hansen's property; thence North 86° 50' East 258 feet; thence South 1° 15' West 300 feet to the beginning.

ACREAGE: 60.78 acres more or less according to Assessor

TH H  
JH.

ABST'D. IN BOOK 5 OF Sec PAGE 2-10-3

Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 179

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7<sup>th</sup> day

of March, 1973, by and between WAYNE D. HOLMGREN and JUNE N. HOLMGREN, his wife.

hereinafter called the "Lessor" and **GEOHERMAL - KINETICS SYSTEMS CORPORATION**, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, S1M

Section 2: Beginning at a point 278 feet South from the Northwest corner of Section 2, thence North 88° 40' East 1138 feet; thence South 1° 45' West 613 feet; thence South 89° 00' West 4947 feet more or less to the Malad River; thence Northeasterly along the Malad River to a point 3762 feet West and 86.5 feet South of the point of beginning; thence North 88° 40' East 3762 feet to the point of beginning, containing 66.5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section. (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ARTD IN BOOK 5 OF Sec PAGE 2-10-3 ✓

Page 130

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 180

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of March, 1973, by and between DAVID R. HOLMGREN and UTE C. HOLMGREN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 2: Beginning at a point 1485 feet South of the Northwest corner of Section 2, thence North 89° 25' East 1096 feet; thence South 1° 45' West 700 feet; thence West 3948 feet more or less to the Malad River; thence Northwesterly along the Malad River to a point 3440 feet West and 35 feet South from the point of beginning; thence North 89° 25' East 3440 feet to the point of beginning, containing 66.5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

Box Elder County

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 181

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>nd</sup> day of March, 1973, by and between SPENCER PAUL HOLMGREN and ELIZABETH W. HOLMGREN, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 33 feet North of the Southwest corner of Section 2, Township 10 North, Range 3 West, SLM; thence North 85° 51' East on a line parallel to and 33 feet North of the section line, 935 feet; thence North 380 feet; thence North 83° 17' West 969 feet to the Southwest corner of the M. C. Mortensen tract; thence South 507.3 feet along section line to the point of beginning, containing 10.06 acres.

Also Lots 3 and 4 Block 2, Lot 1 Block 3 in the Southwest quarter of said Section 2, containing 39 acres.

Also, beginning at the Northwest corner of the Southwest quarter of said Section 2; thence North 86° 25' East 1033.5 feet; thence South 454.5 feet; thence North 89° 29' West 1026 feet; thence North 381 feet along the West line of said Section 2 to the beginning, containing 9.86 acres more or less.

Also, Beginning at the Southwest corner of the Northwest quarter of said Section 2; thence North 589 feet; thence East 1388 feet; thence South 1° 34' West 284 feet; thence South 88° 26' East 1084 feet; thence South 1° 33' West 130 feet to the quarter section line; thence South 86° 25' West 2467 feet along said line to the point of beginning.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point on the quarter section line which bears South 86° 25' West 1252 feet from the Southeast corner of the Northwest quarter of said Section 2; thence South 86° 25' West 305 feet along said quarter section line; thence North 533 feet; thence East 305 feet; thence South 514 feet to the point of beginning.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point which bears South 86° 25' West 167 feet from the Southeast corner of the Northwest quarter of said Section 2; thence North 1° 33' East 120 feet; thence North 88° 26' West 1084 feet; thence South 1° 04' West 221 feet to the quarter section line; thence North 86° 25' East 1085 feet to the point of beginning.

Parcel 2: Beginning at the Northeast corner of the Southeast quarter of Section 3, Township 10 North, Range 3 West, SLM; thence running North 589 feet to David Holmgren's South boundary; thence West 4018 feet more or less to the Malad River; thence Southerly and Southeasterly along said river to a point 33 feet North of the South line of said Section 3; thence North 88° 10' East 1830 feet to a point 33 feet North of the Southeast corner of said Section 3; thence North along section line 2762 feet to the point of beginning, containing 242.44 acres more or less.

Parcel 3: A semi-circular tract of land lying in the Southeast corner of Grantors' land in Section 3, Township 10 North, Range 3 West, SLM, bounded on the South by new highway, on the East and North by old channel of the Malad River and on the West by the new channel of said river, and containing 1 acres more or less. The Southeast corner of said tract being approximately 1880 feet West of the Southeast corner of said Section 3.

ACREAGE: 315.62 acres more or less

*DRH* *A*

*6/1/94*

ABST'D. IN BOOK 5 OF Sec PAGE 2-10-3 ✓  
3-10-3 ✓



Box Elder County

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 183

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of March, 1973, by and between CHARLET L. GIBBY, who acquired title as CHARLET LUNDBERG,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 3: Beginning at the Northwest corner of the South half of the North half of the North half of the South half of Section 3; thence running South 101 1/2 rods; thence East 52 rods to Malad Valley Railroad; thence Northwest along railroad to the North line of the South half of the North half of the North half of the South half of said section; thence West 41 rods to the beginning, less roads, containing 26.80 acres, more or less.

EXCEPTING THEREFROM the following: Beginning 20 rods South and 2 rods East of the Northwest corner of the Southwest quarter of said Section 3; running thence South 1 rod; thence East 250 feet; thence North 1 rod; thence West 250 feet to the place of beginning. Containing 28.68 C.S. ~~26.71~~ acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

#### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 184

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23 day of ASHACH, 1973, by and between

JOSEPH A. GEORGE and LENORA C. GEORGE, also known as LENORA GEORGE,

his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All that part of the Northwest quarter of the Southwest quarter of Section 4 and all that part of the Northeast quarter of the Southeast quarter of Section 5, Township 10 North, Range 3 West, SLM, lying East of the Corinne Mill Ditch, containing less reservations for roads 37.65 acres more or less.

Parcel 2: The Southwest quarter of the Northwest quarter of Section 4, Township 10 North, Range 3 West, SLM, containing 39.28 acres more or less.

ALSO, all that part of the Southeast quarter of the Northeast quarter of Section 5, Township 10 North, Range 3 West, SLM, lying East of the Corinne Mill Ditch, containing 7.77 acres more or less.

Parcel 3: Beginning at a point 1520 feet North and 117 feet West of the Southeast corner of the Southwest quarter of Section 5, Township 10 North, Range 3 West, SLM; running thence North 1118 feet more or less to a point 33 feet South and 117 feet West of the Northeast corner of the Southwest quarter of said Section 5; thence East 2404 feet; thence South 57° 45' East 62 feet; thence South 40° 25' East 51 feet; thence South 30° 15' East 92 feet; thence South 23° 31' East 432 feet; thence South 8° 30' East 104 feet; thence South 448 feet more or less to a point 1540 feet North and 33 feet West of the Southeast corner of said Section 5; thence South 89° 35' West 2724 feet to the point of beginning.

Parcel 4: The Northeast quarter of the Southwest quarter of Section 4, Township 10 North, Range 3 West, SLM, reserving therefrom a strip of land 2 rods wide along the North and East sides for road purposes.

Parcel 5: That part of the Northwest quarter of the Southwest quarter of Section 4, Township 10 North, Range 3 West, SLM, lying West of the right of way of the Corinne Mill Ditch, reserving therefrom a strip of land 2 rods wide along the West side of said tract for County Road, Containing 1 acre more or less.

J.A.G.  
L.C.G.

ABST'D. IN BOOK 5 OF Sec PAGE 4-10-3 ✓  
5-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

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BOOK 257 PAGE 185

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5th day of March, 1973, by and between DENNIS ALVIN BARFUSS and ILEEN MARIE ROBERTS BARFUSS, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 27: All of the Northeast quarter of the Northeast quarter, except the County Road, containing 37 acres, more or less.

Also commencing at a point 66 feet West and 670.5 feet North of the Southeast corner of the Northeast quarter of Section 27; thence South 88° 00' West 1247 feet; thence North 662 feet; thence North 88° 00' East 1247 feet; thence South 662 feet to point of beginning, containing 18.94 acres, more or less.

Containing a total of 55.94 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 186

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of March, 19 73, by and between

~~JOHN C. BAREUSS and LILLIAN C. BAREUSS, also known as LILLIE BAREUSS, his wife;~~

a single man,  
LYLE J. BAREUSS; and FLOYD L. BAREUSS, a married man as his sole and  
separate property.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, S1M

Section 27: Beginning 66 feet West of the Southeast corner of the Northeast quarter; thence running North 670.5 feet; thence South 88° 00' West 1247 feet; thence South 670.5 feet; thence North 88° 00' East 1247 feet along the quarter section line to the beginning, containing 19.19 acres, more or less.

Also all of the Southwest quarter of the Northeast quarter, except canal rights of way on the West of the above described land, containing 39.23 acres, more or less.

Containing a total of 58.42 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

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WHEN RECORDED MAIL TO

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5th day of March, 1973, by and between

STELLA C. BARNES, a widow, (Vendor) and

DENNIS A. BARFUSS and ILEEN MARIE ROBERTS BARFUSS, his wife (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, S1M

All of the Northwest quarter of the Northeast quarter, excepting the road right of way on the North and the canal right of way on the West.

26-11-3

Containing 38.61 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 188

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3<sup>rd</sup> day of March, 1973, by and between CHARLET L. GIBBY, who acquired title as CHARLET LUNDBERG,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, 51M

Section 34: Beginning at a point 33 feet East of the Southwest corner of the Northwest quarter of Section 34; thence running East 1097.5 feet; thence North 6° 43' East 1228 feet; thence South 50° 6' West 1610 feet; thence South 1° 49' West 189 feet to the beginning, containing 18.68 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 189

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the <sup>12<sup>th</sup></sup> day of March, 1973, by and between

HOPE CHRISTENSEN SHEPARD;

PATTY LUANN CHRISTENSEN;

DE VERE R. CHRISTENSEN,

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 33: That part of the Northwest quarter, lying East of Corinne Mill Ditch, except road and ditch reservation.

Containing 146.7 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

*Page 140*



RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 190

38409 H.

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the \_\_\_\_\_ day of February 27, 1973, by and between \_\_\_\_\_  
LOUELLA K. CALL, a widow,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

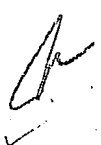
WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point  $123\frac{1}{2}$  rods North of the Southeast corner of Section 4, Township 9 North, Range 2 West, 51M; thence West 160 rods; thence South  $4.14$  rods; thence West 79 rods; thence North  $41\frac{1}{3}$  rods; thence East 239 rods; thence South  $37\frac{1}{6}$  rods to the beginning, less County Road, containing 56.50 acres.

EXCEPTING THEREFROM that certain 3.39 acre tract of land conveyed to the State Road Commission of Utah by deed dated August 18, 1959 and recorded in Book 129 page 551, Records of Box Elder County.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point on the West boundary of the County Road, which point is  $123\frac{1}{2}$  rods North of the Southeast corner of said Section 4; thence running North  $37\frac{1}{6}$  rods; thence West to the East boundary of the State Highway; thence South along said Highway to a point North  $123\frac{1}{2}$  rods of the South boundary of said Section 4; thence East to the point of beginning, containing 9.28 acres.

ACREAGE: 43.83 acres more or less

L. K. C. 

APSPD. IN BOOK

2 OF Sec PAGE 4-9-2

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BOOK 257 PAGE 191

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NOV 26 1973

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7 day of MARCH, 1973, by and between

YUKE KONDO and MICHIKO KONDO, his wife, (Sellers) and

Ted Kondo (Buyer)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 9 North, Range 3 West, S1M

Section 1: The Southeast quarter of the Northwest quarter.

Containing 40 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across; and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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BOOK 257 PAGE 192

38409 N.

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>nd</sup> day of MARCH, 1973, by and between

MICHIKO KONDO, as to a Life Estate, and

TED T. KONDO,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1360.7 feet North and 1636 feet East of the Southwest corner of Section 1, Township 9 North, Range 3 West, SLM; thence running North 22° 30' East 34 feet; thence North 89° 38' East 116.3 feet; thence North 59° 46' East 163 feet; thence North 45° 37' East 84 feet; thence North 72° 18' East 91 feet; thence South 47° 49' West 169 feet; thence South 59° 52' West 173 feet; thence South 89° 50' West 141.7 feet to the place of beginning.

Also, beginning at the Southwest corner of Section 1, Township 9 North, Range 3 West, SLM; thence running North 1360.7 feet; thence East 1636 feet; thence North 22° 30' East 34 feet; thence North 89° 38' East 116.3 feet; thence North 59° 46' East 163 feet; thence North 45° 37' East 84 feet to the place of beginning; thence running North 483 feet more or less to the Southwest corner of the Corinne City Cemetery; thence East 666 feet more or less to the Southeast corner of said cemetery; thence South 94 feet; thence in a Southwesterly direction along the boundary of land now in possession of Hillam and Forsgren to the point of beginning.

Also, beginning at a point on the center line East and West through Section 1, Township 9 North, Range 3 West, SLM, 660 feet West of the center of said section; thence running West 635 feet to a point 25 feet East of the center line of Bear River Canal; thence along the bank of canal South 8° 15' East 175 feet; thence South 23° 11' East 449 feet; thence South 7° 57' East 673 feet; thence North 89° 44' East 154 feet; thence North 59° 10' East 163 feet; thence North 43° 57' East 84 feet; thence North 35' West 1106 feet to the point of beginning, containing 12.96 acres more or less.

ACREAGE: 17.64 acres more or less

*M. K.*  
*N*

RECORDING REQUESTED BY

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BOOK 257 PAGE 193

WHEN RECORDED MAIL TO

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**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2<sup>nd</sup> day of March, 1973, by and between THE RESPECTIVE PARTIES WHOSE NAMES ARE SUBSCRIBED HERETO,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All that part of Section 10, Township 10 North, Range 3 West, SLM, lying and being East of the Malad Valley Railroad right of way and South and West of the Malad River.

EXCEPT that portion of the Southeast quarter of the Southeast quarter of said Section 10 which lies South of Corinne Canal right of way line.

Parcel 2: All that part of the Northeast quarter of the Northeast quarter of Section 15, Township 10 North, Range 3 West, SLM, lying East of the Malad Valley Railroad Company's right of way and North and West of the Corinne Branch of the Bear River Canal right of way as now located, containing 0.73 acre.

Parcel 3: All of the Southwest quarter of the Northwest quarter lying West of the Malad River in Section 11, Township 10 North, Range 3 West, SLM, containing 6.10 acres more or less.

ACREAGE: 224.37 acres more or less

*J.P.H.*  
*J.L.H.*  
*B.H.*  
*R.H.*  
*J.H.*

ABST'D. IN BOOK 5 OF Sec PAGE 10-10-3 ✓  
11-10-3 ✓  
15-10-3 ✓

*J.C.V.*  
Subscribing witness.

*Deceased*

LEWIS HUNSAKER, and

JAMES T. HUNSAKER,

*Deceased*

SARAH ELLEN HUNSAKER, his wife, as to  
a Life Estate

~~GLADYS H. MURDOCK,~~

~~MARJORIE H. KELLER, Remaindermen~~

LLOYD R. HUNSAKER,

LLOYD R. HUNSAKER, and

THELMA L. HUNSAKER, his wife,

~~RAYMOND W. HUNSAKER,~~

BURNICE HUNSAKER,

REGINALD HUNSAKER,

LESSOR

By

By

GEOHERMAL-KINETICS SYSTEMS CORP.

LESSEE

*De 11/15*

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WHEN RECORDED MAIL TO

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BOOK 257 PAGE 195

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 29<sup>th</sup> day of March, 1973, by and between JACK L. ERICKSON and MARJORIE J. ERICKSON, his wife

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Beginning at a point on the East right of way line of the State Highway 16.5 feet North and 56 feet more or less East of the Southwest corner of the Northwest quarter of Section 25, and running North 1° 39' 30" West along said right of way line 543.5 feet; thence North 88° 20' 30" east 296.5 feet; thence North 0° 29' 30" West 100.0 feet; thence North 88° 20' 30" East 216.0 feet; thence South 0° 29' 30" East 643.5 feet; thence South 88° 20' 30" West 499.0 feet to the point of beginning.

Containing 6.74 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives; and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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BOOK 257 PAGE 196

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of March, 1973, by and between

HOWARD R. STOKES

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 801 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM.

Section 23: Beginning at the Southwest corner of the Southeast Quarter of said section; thence North 132 feet; thence East 38 rods; thence South 100 feet; thence West 38 rods to beginning, containing 1-5/8 acres, more or less.

Section 26: Beginning at the Northwest corner of the Northeast Quarter of said section; thence South 160 rods; thence East 38 rods; thence North 160 rods; thence West 38 rods to place of beginning, containing 38 acres, more or less.

Containing all a total of 39-5/8 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary, or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



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BOOK 257 PAGE 197

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### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 22 day of March, 1973, by and between MONIDA H. DAVIS, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The Southwest quarter and that part of the Southeast quarter lying West and South of the Malad Valley Railroad in Section 23, Township 10 North, Range 3 West, SLM.

Containing 277.0 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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BOOK 257 PAGE 198

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## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27<sup>th</sup> day of March, 1975, by and between LEONARD SORENSON and MURIEL SORENSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 203 feet South of the Northeast corner of the South half of Lot 26, Bear River City, in Section 13, Township 10 North, Range 3 West, SLM; thence West 238 feet; thence North 203 feet; thence West to Northwest corner of the South half of said Lot 26; thence South to Southwest corner of said Lot 26; thence East to Southeast corner of said Lot 26; thence North to point of beginning.

Parcel 2: Beginning 1631 feet South of the Northeast corner of the Northwest quarter of Section 13, Township 10 North, Range 3 West, SLM; thence South along half section line 383 feet; thence North 89° West 740 feet; thence North 1°07' East 393 feet; thence South 88° 11' East 732 feet to beginning, containing 6.55 acres.

Containing 11.34 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

BOOK 257 PAGE 199

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of March, 1973, by and between MARION ORCHARD COMPANY, a corporation

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The South half of the Northeast quarter and the Southeast quarter of Section 25, Township 10 North, Range 3 West, SLM, except roads and right of way of M.V.R.R.

Parcel 2: Beginning at the Northeast corner of Section 36, Township 10 North, Range 3 West, SLM, and running thence South 15 rods; thence West 53 1/3 rods; thence North 15 rods; thence East 53 1/3 rods to point of beginning, containing 5 acres, more or less. Except roads.

Containing 245 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 25-10-3 ✓  
36-10-3 ✓

Page 150

RECORDING REQUESTED BY

38409H  
NOV 26 1973

BOOK 257 PAGE 200

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>th</sup> day of March, 1973, by and between

~~and LORENE R. MASON~~  
Estate of GRANT M. REEDER, Remainderman;  
and LORENE R. MASON

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 34: Beginning at a point 25 feet East of the Southwest corner of the Northwest quarter of said section; thence North 2426.5 feet more or less to the South line of railroad right of way now platted and existing; thence South 76° East 1084 feet more or less to canal right of way; thence along canal right of way South 18° 40' West 1200 feet; thence South 23° West 170 feet; thence South 28° West 170 feet; thence South 33° West 850 feet more or less to the South line of said quarter section; thence West to beginning.

Containing 34.60 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 201

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25 day of MARCH, 19 73, by and between LEE C. JOHNSEN and LA PREAL D. JOHNSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 801 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 169.9 rods North of the Southwest corner of Section 10, Township 10 North, Range 3 West, S1M; thence running North 152.2 rods; thence East 71 rods 6 feet; thence South 29° 39' East 80 rods; thence North 60° 21' East 50 feet; thence South 29° 39' East 94.40 rods; thence West 160.98 rods to beginning, exclusive of the West 2 rods, less tract deeded to O.S.L.R.R.Co.

Also, beginning at a point 53.6 rods North of the Southwest corner of Section 10, Township 10 North, Range 3 West, S1M; thence running North 52.90 rods; thence East 196.62 rods; thence South 29° 39' East 60.88 rods; thence West 226.75 rods to beginning, exclusive of the West 2 rods.

Also, beginning at the Southwest corner of Section 10, Township 10 North, Range 3 West, S1M; thence running North 53.6 rods; thence East 226.75 rods; thence South 29° 39' East 62 rods; thence West 257 rods 4.5 feet to beginning, exclusive of reservations.

Also, beginning at a point 106.505 rods North of the Southwest corner of Section 10, Township 10 North, Range 3 West, S1M; thence running North 62.635 rods; thence East 160.98 rods; thence South 29° 39' East 72.08 rods; thence West 196.624 rods to beginning, exclusive of reservations.

Said property is otherwise described as follows:

All of Section 10, Township 10 North, Range 3 West, S1M, containing 326 acres, more or less, being West of the Malad Valley railroad, exclusive of road and ditch rights of way as now existing.

ACREAGE: 326 acres more or less

*L.C.J.  
L.J.M.*

ABST'D. IN BOOK 5 OF Sec 10-10-3 PAGE 3 ✓

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

384092  
NOV 26 1973

BOOK 257 PAGE 202

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 20<sup>th</sup> day of March, 1973, by and between

K. ROGER SPACKMAN and BONNIE D. ORME SPACKMAN, his wife (Vendor)

JACK L. ERICKSON, a single man (Vendor)

DEF W. Coy, (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point on West property line of Interstate Freeway which is 4 rods North and 355 feet West more or less from Southeast corner of Section 31, Township 11 North, Range 2 West, SLM; thence North 31° 42' 30" West 1129.82 feet along West property line of said Freeway; thence South 87° 34' West 587.29 feet; thence South 45° 30' East 1168.94 feet; thence South 148.5 feet more or less to a point West of point of beginning; thence East 350 feet more or less to beginning. Containing 10 acres more or less.

ALSO, beginning at a point 4 rods North and 355 feet West more or less and North 31° 42' 30" West 1129.82 feet, said point being on West property line of Interstate Freeway, from Southeast corner of Section 31, Township 11 North, Range 2 West, SLM; thence North 31° 42' 30" West 1477.46 feet along West line of said Freeway; thence South 3° 27' 23" East 1138.34 feet; thence South 38° 20' East 145.20 feet; thence South 45° 30' East 45.46 feet; thence North 87° 34' East 587.29 feet to point of beginning. Containing 10.19 acres more or less.

ACREAGE: 20.19 acres more or less

*K.R.S.*  
*B.D.O.*  
*J.L.E.*  
*J.C.V.*  
*M.C.*  
*R.*

REST'D. IN BOOK 3 OF Sec PAGE 31-11-2



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 203

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 29<sup>th</sup> day of March, 1973, by and between ~~KOTO AOKI~~

SHIGE AOKI and TOSHI AOKI, as tenants-in-common

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 1369.5 feet East of the Southwest corner of the Southeast quarter of Section 5, Township 10 North, Range 2 West, SLM (Block 9, Honeyville Townsite), East 718.5 feet, North 54° 16' West 291.6 feet, South 89° 48' West 481.8 feet, South 168.4 feet to beginning.

Parcel 2: ALSO, remainder of original tract: Beginning 20.75 chains East of the Northwest corner of the Northeast quarter of Section 8, Township 10 North, Range 2 West, SLM; thence South 2.375 chains, East 16.50 chains, Northerly along middle of slough 2.375 chains to the North boundary of section, West 16.50 chains to beginning, containing 3.92 acres more or less.

Parcel 3: Beginning 2.375 chains South of the Northwest corner of the Northeast quarter of Section 8, Township 10 North, Range 2 West, SLM, South 17.625 chains to Southwest corner of the Northwest quarter of the Northeast quarter of section; thence East 20 chains, North 6 chains, East 20 chains, North 10.25 chains, South 64° 30' West 5 chains, North 26° 32' East 3.944 chains along center of slough, West 37.25 chains to beginning, containing 58 acres more or less.

EXCEPTING THEREFROM the following: Beginning at a point 14 chains South of the Northeast corner of Section 8; thence run North 10.25 chains more or less to the South line of the Nancy Orme property; thence South 64° 30' West 5 chains to a slough; thence in a Southeasterly direction along said slough 500 feet more or less to a point 125 feet West of the point of beginning; thence East 125 feet to the point of beginning.

ALSO EXCEPTING THEREFROM those portions thereof awarded to the State Road Commission of Utah in Final Order of Condemnation recorded February 16, 1961 in Book 144 page 638, Records of Box Elder County.

Parcel 4: Beginning at the Northwest corner of the East half of the Northwest quarter of Section 8, Township 10 North, Range 2 West, SLM; thence South 24 rods; thence East 80 rods; thence North 24 rods; thence West 80 rods to the point of beginning, containing 12 acres more or less.

EXCEPTING THEREFROM that portion thereof awarded to the State Road Commission of Utah in Final Order of Condemnation recorded February 16, 1961 in Book 144 page 638, Records of Box Elder County.

Parcel 5: The North 24 acres more or less, lying West of O.S.L.R.R. right of way, Block 1, Honeyville Townsite, situate in the Northeast quarter of Section 5, Township 10 North, Range 2 West, SLM.

ACREAGE: 88.70 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 8-17-2

*A of 2nd pg. 3*  
*7*



RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

384092  
NOV 26 1973

BOOK 257 PAGE 204

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of March, 1973, by and between THEO HUNSAKER, also known as Theo P. Hunsaker and RHEA H. HUNSAKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northeast corner of Lot 4, Block 5, Plat A, Honeyville; thence West 34 feet, South 7 rods, West 12 rods, North 7 rods, West to Northwest corner of Lot 4; thence South to Southwest corner of lot; thence East to Southeast corner of lot; North to beginning.

ALSO, Lot 2, Block 5, Honeyville Survey.

Parcel 2: Lot 3, Block 5, Honeyville Townsite Survey, consisting of approximately 6½ acres.

Containing 25.34 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 205

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>th</sup> day of February, 1973, by and between THE RESPECTIVE PARTIES WHOSE NAMES ARE SUBSCRIBED HERETO:

VARSEL L. CHLARSON AND RUTH H. CHLARSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 2571 feet West and 67 feet South of the Northeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence South 89° 25' West 674 feet; thence South 2° 50' East 1296 feet more or less to County Road; thence North 64° 10' East 675 feet along said road; thence North 54° East 319.5 feet along said road; thence North 28° 47' West 325.25 feet; thence North 63° 57' West 570 feet to beginning, containing 25.82 acres more or less.

Parcel 2: Beginning at a point 39.17 chains West of the Northeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence South 15.25 chains; thence South 64° 3' West 38.28 chains; thence North 31.8 chains; thence East 33.82 chains to beginning.

EXCEPT commencing at a point 2571 feet West and 67 feet South of the Northeast corner of said Section 16; thence South 0° 28' West 1006.5 feet to County Road; thence South 64° 10' West 675 feet along said road; thence North 2° 50' West 1296 feet; thence North 89° 25' East 674 feet to point of beginning.

ALSO EXCEPT that portion conveyed to the State Road Commission of Utah by deeds recorded in Book 133 pages 11 and 14, Records of Box Elder County.

ALSO EXCEPT that portion lying West of Interstate Highway No. 15.

Parcel 3: Beginning at a point 440.9 feet South and 1580.5 feet West of the Northeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence South 23° 54' East 626.0 feet; thence North 66° 06' East 67 feet; thence South 23° 54' East 2652.1 feet; thence North 89° 53' West 906.3 feet; thence North 23° 54' West 2754 feet; thence North 54° 34' East 776.4 feet to the point of beginning.

Parcel 4: Beginning at the Northeast corner of the Northwest quarter of Section 10, Township 10 North, Range 2 West, SLM; thence South 69.47 chains; thence West 8.36 chains; thence North 21° 28' West 43.94 chains; thence South 59° 10' West 550 feet more or less to East side of canal right of way; thence in a Northeasterly direction along said right of way 242 feet; thence South 53° 32' West 660 feet; thence North 28° 52' West 155.5 feet more or less to section line; thence North 377 feet more or less to a point 1809.1 feet South of the Northwest corner of said Section 10; thence North 69° 09' East 1427.4 feet; thence North 0° 49' West 1320 feet to North line of said section; thence East 1320 feet to beginning, containing 148.30 acres.

Parcel 5: Beginning at the Southwest corner of the Southeast quarter of Section 10, Township 10 North, Range 2 West, SLM; thence North 8° 37' East 1163 feet; thence North 62° 40' East 1290 feet; thence North 897 feet; thence West 1320 feet; thence South 2640 feet to beginning, containing 39.20 acres.

Parcel 6: Beginning at a point 2.65 chains East and 10.49 chains North of the Southwest corner of Section 10, Township 10 North, Range 2 West, SLM; thence North 32° 10' West 14.10 chains; thence East 31.69 chains; thence South 21° 28' East 12.83 chains; thence West 28.89 chains to beginning, less roads. Containing 36.12 acres more or less.

Containing 353.75 acres, more or less.

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 206

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of March, 1973, by and between E. R. WHEATLEY, a single man; and ARTHUR LAMONT WHEATLEY

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the quarter section corner between Sections 8 and 9, Township 10 North, Range 2 West, SLM; thence East 8.97 chains; thence North 52 1/2° East 39 chains to the East boundary of the Northwest quarter of said Section 9; thence South 3.17 chains to the Southeast corner of the Northeast quarter of the Northwest quarter of said section; thence East 1.72 chains; thence South 52 3/4° West 52.65 chains to the West boundary of said section; thence North 12.15 chains along said boundary to the point of beginning, containing 21.97 acres.

Parcel 2: The North half of the Northeast quarter of Section 9, Township 10 North, Range 2 West, SLM, containing 80 acres, less 30 acres disposed of to other parties.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point on the East right of way line of the State Road 2318.7 feet West and 435.1 feet South of the Northeast corner of said Section 9 and running North 56° 55' East 435 feet; thence South 21° East 27.4 feet; thence South 58° 18' West 435 feet more or less to the East right of way line of the State Road; thence North 23° 40' West 16.9 feet along said line to the point of beginning, containing 0.22 acre.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point on the East right of way line of the State Road 2216 feet West and 669 feet South of the Northeast corner of said Section 9 and running South 23° 40' East 308.5 feet; thence North 52° 45' East 566 feet; thence North 23° 40' West 308.5 feet; thence South 52° 45' West 566 feet to the point of beginning, containing 4.00 acres.

Parcel 3: Beginning at a point 124 rods West of the Southeast corner of the Northwest quarter of Section 9, Township 10 North, Range 2 West, SLM; thence West 34 1/2 rods; thence North 55° East 198 rods; thence South 25 rods; thence South 55° West 154 rods to the point of beginning, containing 22 acres.

Parcel 4: Beginning at a point 36 1/2 rods North of the Southwest corner of the Northwest quarter of Section 9, Township 10 North, Range 2 West, SLM; thence North 55° East 199 rods; thence South 12 1/2 rods; thence South 55° West 199 rods; thence North 12 1/2 rods to the point of beginning, containing 12.43 acres.

Parcel 5: Beginning at the Southwest corner of the Southeast quarter of Section 9, Township 10 North, Range 2 West, SLM; thence North 17° 30' West 1.66 chains; thence North 40° 30' East 14.20 chains; thence South 60° 30' East along the West ditch bank 4.90 chains; thence South 41° 15' West 10.44 chains to a rock on the section line; thence following said section line 6.44 chains to a cedar post at the point of beginning, containing 4.76 acres.

Parcel 6: Beginning at a point 6 chains South of the center of the Southeast quarter of Section 9, Township 10 North, Range 2 West, SLM; thence South 58° West 23.28 chains to the West boundary of said quarter section; thence North 6.75 chains; thence North 57° East 9.93 chains; thence South 24° 24' East 1.37 chains; thence North 53° East 13.90 chains to a point 62 links North of the center of said Southeast quarter; thence South 6.62 chains to point of beginning, containing 12.12 acres.

Parcel 7: Beginning at a point 1.72 chains North of the center of Section 9, Township 10 North, Range 2 West, SLM; thence South 50 $\frac{1}{4}$ ° West 26.03 chains to the West boundary of the Northeast quarter of the Southwest quarter of said section; thence North 4.66 chains along said line; thence North 50 $\frac{1}{4}$ ° East 26.30 chains to the East boundary of the Southeast quarter of the Northwest quarter of said section; thence South 4.66 chains to the point of beginning, containing 9 acres less U.P.R.R. claim.

Parcel 8: Beginning at the center of the Northeast quarter of Section 9, Township 10 North, Range 2 West, SLM; thence West 3.30 chains; thence South 50 $\frac{1}{4}$ ° West 25.86 chains to the West boundary of said quarter section; thence South 4.66 chains along said boundary; thence North 50 $\frac{1}{4}$ ° East 19.85 chains to the County Road; thence South 20° East 60 links; thence North 49° East 6 chains to the East boundary of the West half of said quarter section; thence North 2.35 chains along said boundary to the point of beginning, containing 8.90 acres.

Parcel 9: Beginning at the center of the Northeast quarter of Section 9, Township 10 North, Range 2 West, SLM; thence West 3.30 chains; thence North 50 $\frac{1}{4}$ ° East 4.31 chains to the East boundary of the West half of said quarter section; thence South 2.84 chains to beginning, containing 0.47 acre.

Parcel 10: Beginning at a point 4.90 chains North of the center of the Southwest quarter of Section 9, Township 10 North, Range 2 West, SLM; thence South 50 $\frac{1}{4}$ ° West 3.80 chains; thence North 16° West 4.95 chains; thence North 50 $\frac{1}{4}$ ° East 5.06 chains to the East boundary of the Northwest quarter of the Southwest quarter of said Section 9; thence South 4.39 chains to beginning, containing 1.43 acres.

Parcel 11: Beginning at the Southwest corner of the Northwest quarter of the Southwest quarter of Section 9, Township 10 North, Range 2 West, SLM; thence North along the West boundary of said section 7.85 chains; thence North 52° 45' East 73.47 chains more or less to the East boundary of the West half of the Northeast quarter of said section; thence South along the center line of the Northeast quarter of said section 23.30 rods; thence South 50 $\frac{1}{4}$ ° West 73 chains more or less to the point of beginning, containing 38.64 acres more or less.

ACREAGE: 178.20 acres more or less

ABST'D. IN BOOK 5 OF Sec. PAGE 9-10-2 ✓

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 208

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17<sup>th</sup> day of March, 1973, by and between ARTHUR LAMONT WHEATLEY and GLADYS G. WHEATLEY, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point on the East right of way line of the State Road, 2216 feet West and 669 feet South of the Northeast corner of Section 9, Township 10 North, Range 2 West, SLM, and running South 23° 40' East 308.5 feet; thence North 52° 45' East 566 feet; thence North 23° 40' West 308.5 feet; thence South 52° 45' West 566 feet to beginning, containing 4.00 acres.

Containing 4.00 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 209

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of March, 1973, by and between GEORGE H. WHEATLEY, RODNEY F. NELSON and PEGGY W. NELSON, husband and wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Commencing at a point 3580 feet North of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 55° 01' West 1361.5 feet to County Road; thence North 29° 38' West 413 feet along said road; thence North 57° 05' East 1467.5 feet; thence East 85.6 feet to section line; thence South along section line 376.9 feet to point of beginning, containing 12.90 acres.

Parcel 2: Commencing at a point 2453 feet North and 1000 feet West of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence North 29° 10' West 1067.5 feet along West side of County Road; thence South 49° 10' West 1389.2 feet to the U.I.C.R.R.; thence South 20° 33' East 1107.2 feet along said R.R.; thence North 49° 25' East 1557.5 feet to the point of beginning, containing 35.12 acres.

Parcel 3: Commencing at a point 1346.5 feet North and 2286 feet West of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 48° 55' West 124.6 feet; thence North 32° 27' West 216.5 feet; thence South 49° 37' West 1347.5 feet; thence North 22° 15' West 468.8 feet; thence North 49° 13' East 1538 feet; thence South 20° 30' East 453 feet; thence South 21° 31' East 255.5 feet to the beginning, containing 16.47 acres.

Parcel 4: Commencing at a point 253 feet North and 3900 feet West of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence run South 0° 15' East 346.2 feet; thence South 89° 54' West 1325.5 feet; thence North 1° 04' West 1314 feet; thence North 87° 10' East 1171.2 feet; thence North 10° West 18 feet; thence North 49° 13' East 270.7 feet; thence South 22° 15' East 956.8 feet; thence South 49° 30' West 508 feet to the point of beginning, containing 47.43 acres.

EXCEPTING THEREFROM that 5.24 acre parcel conveyed to the State Road Commission of Utah by deed dated September 16, 1959 and recorded in Book 131 page 123, Records of Box Elder County.

Parcel 5: Beginning at a point 2012 feet North and 2536 feet West of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 49° 13' West 1538 feet; thence North 22° 15' West 488 feet; thence North 49° 13' East 1550.7 feet; thence South 20° 30' East 493.5 feet to beginning.

Parcel 6: Beginning at the Northwest corner of Section 10, Township 10 North, Range 2 West, SLM, and running thence North 89° 11' East 1320 feet; thence South 0° 49' East 1320 feet; thence South 69° 09' West 1427.4 feet; thence North 0° 09' West 1809.1 feet to the point of beginning, containing 47.7 acres more or less.

ACREAGE: 170.85 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 9-10-21

10-10-21

R 7-12-73

27M 04M

R

Page 160

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 210

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of March, 1973, by and between WILLIAM E. HUNSAKER and NEOMA HUNSAKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point on the section line 58 rods West of the Southeast corner of Section 6, Township 10 North, Range 2 West S1M; running thence West along the South line of said Section 6, 22 rods to the West line of the Southeast quarter of the Southeast quarter of said section; thence North along last described line 30 rods; thence East 22 rods; thence South on a line parallel to and 58 rods West of the East line of said Section 6, 80 rods to the point of beginning, containing 11 acres.

Beginning at a point 1320 feet West from the Southeast corner of Section 6, Township 10 North, Range 2 West, S1M; thence North 1862.3 feet; thence South 85° 40' West 976.3 feet; thence South 55° 55' East 496.3 feet; thence South 29° 2' East 436.6 feet; thence South 2° 25' West 424.1 feet; thence South 26° 25' West 526.4 feet; thence South 43° 37' West 322.7 feet; thence East 825.4 feet to the place of beginning, containing 22.14 acres more or less.

ACREAGE: 33.14 acres more or less

*weth*  
*W.H.*  
*J.C.V.*  
*N*

ABST'D. IN BOOK 5 OF Sec PAGE 6-70-2



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 211

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>th</sup> day of March, 1973, by and between LA RUE YATES and FREWTRILLA YATES, his wife

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The North half of the North half of the Southwest quarter of Section 14, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at the Southwest corner of said North half of North half of Southwest quarter; running thence North 250 feet more or less to existing fence; thence running Northeastorly along said fence to center line of said Section 14; thence South to Southeast corner of said North half of North half of Southwest quarter of said Section 14; thence running West 2640 feet more or less to the point of beginning.

Parcel 2: The Southwest quarter of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM.

EXCEPTING THEREFROM that portion thereof described as follows: Commencing at the Northwest corner of said Southwest quarter of Southwest quarter; thence East 72 rods; thence South 62 1/2° West 81 rods; thence North 37 rods to beginning, containing exclusive of reservation, 32 1/2 acres.

Parcel 3: Commencing at a point 6 rods North from the Southwest corner of the Southeast quarter of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence North 77 rods; thence West 8 rods; thence North 62 1/2° East 99 1/2 rods; thence South 78 rods; thence South 62 1/2° West 90 1/2 rods to point of beginning, containing 39.06 acres more or less.

Parcel 4: Commencing at a point in fence 11.45 chains North of the Southwest corner of the Southeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence North 8.55 chains; thence East 20 chains; thence North 20 chains; thence East 20 chains; thence South 5.45 chains; thence South 59 3/4° West 18 chains; thence South 43° East 7.10 chains; thence South 62 1/2° West 16.64 chains; thence North 38 1/2° West 5.03 chains; thence South 63 3/4° West 12.65 chains to the point of beginning, containing 37.84 acres.

Parcel 5: Commencing at a point 5 rods North of the Southwest corner of the Southeast quarter of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence North 29 rods; thence South 62 1/2° West 102 rods more or less to the East line of County Road; following East side of County Road, Southeasterly 37 rods; thence North 62 1/2° East 70 rods to the point of beginning, containing 18 1/2 acres more or less.

Parcel 6: Commencing at the Southwest corner of the Southeast quarter of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence East 80 rods; thence North 86 rods; thence South 62 1/2° West 90 rods; thence South 45 rods to the point of beginning, containing 32 1/2 acres more or less.

Parcel 7: Commencing at the Southwest corner of the Northwest quarter of the Southeast quarter of Section 15, Township 10 North, Range 2 West, S1M; thence East 80 rods; thence North 86 1/2 rods; thence South 62 1/4 West 90 rods; thence South 44 1/2 rods to the point of beginning, containing 30.18 acres more or less.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 2010.5 feet North and 1962.2 feet West from the Southeast corner of said Section 15, said point being on the East right of way line of the State Highway; running thence North 50° 45' West along said right of way 215 feet; thence North 42° 30' East 150 feet; thence South 49° 20' East 245 feet; thence South 54° 10' West 150 feet to the point of beginning.

Parcel 8: Commencing at the Southeast corner of Section 16, Township 10 North, Range 2 West, S1M; thence North 844.6 feet; thence West 3960 feet; thence South 844.6 feet; thence East 3960 feet to point of beginning, containing 77.6 acres.

EXCEPTING THEREFROM those portions thereof containing 1.33 acres and 4.91 acres conveyed to the State Road Commission of Utah by deeds dated September 18, 1959 and recorded in Book 131 pages 117 and 118, Records of Box Elder County.

Parcel 9: Beginning at a point 1650.5 feet West and 896.2 feet North of the Southeast corner of Section 15, Township 10 North, Range 2 West, S1M; thence South 61° 51' West 521 feet more or less to a ditch; thence North 51° 34' West 386 feet along ditch; thence North 63° 39' East 608 feet; thence South 38° 22' East 341 feet to the point of beginning, containing 4.43 acres more or less.

ACREAGE:	Parcel 1	- 25.0	(40 acres before exception)
	Parcels 2 - 8	- 259.97	
	Parcel 9	- 4.43	

289.40 ac.

ABST'D. IN BOOK 5 OF Ser PAGE 14-10-2 ✓

15-10-2 ✓

16-10-2 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 213

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 23 day of MARCH, 1973, by and between

~~LLOYD N. DAVIS, also known as Lloyd Davis, and GRACE T. DAVIS, his wife (SELLERS); and~~

ATSUSHI SAYAMA and SHIRLEY SAYAMA, his wife, and SAKHOICHI SAYAMA, a single man, S.S. A.S.

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 8.5 feet North and 66 feet East from the Southwest corner of Section 28, Township 10 North, Range 2 West, SLM, said point being on the East right of way line of the canal; thence North 2608 feet to the South line of a canal; thence North 89° 45' East 1609 feet to the East bank of a North-South canal; thence South 0° 15' East 2615 feet; thence West 1621 feet to beginning.

Containing 96.8 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:  
A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
- (b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 214

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of MARCH, 1973, by and between ~~ROLAND B. BARKER and RHEA W. BARKER, his wife~~ (Seller); MERLIN L. REEDER, ~~xxxxxxx~~ and JACQUILINE D. REEDER, his wife (Buyers)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The North 534.4 feet of Lots 15 and 16, also Lots 7, 8, 9, 10, 11 and 26, less the following described tract: Beginning at a point 3627.8 feet West and 16.5 feet South of the Northeast corner of Section 29, Township 10 North, Range 2 West, SLM; running thence South 1° 04' 40" West 220.0 feet; thence East 207.0 feet; thence South 0° 53' 40" West 51.0 feet; thence East 65.0 feet to an existing fence line; thence North 34° 50' 30" East 330.0 feet; thence West 457.0 feet more or less to the point of beginning, being further described as part of Lots 10 and 11, Plat "A", Riverbank Tract.

Also, Beginning at the Northeast corner of Lot 12; thence running South 538.9 feet; thence West 990 feet; thence North 538.9 feet; thence East 990 feet to the beginning, or part of Lots 12, 13 and 14.

Also, Beginning at the Northwest corner of Lot 16 in Bear River Bank Tract; running West 50 feet; thence South 31° 20' West 249.9 feet; thence South 11° 48' West 327.9 feet; thence East 220.60 feet; thence North 486.8 feet; thence North 37° 23' East 60 feet to the beginning.

Also, the North part of Lot 39 described as follows: Beginning 25 feet West of the Northeast corner of Lot 39; thence South 245 feet; thence West 305 feet; thence North 245 feet; thence East 305 feet to the beginning.

All of the above described lots being of Tract A, Riverbank Tract of Section 29, Township 10 North, Range 2 West, SLM.

ACREAGE: 51 acres more or less according to Notice of Contract

*M.L.R.*  
*J.D.R.* *N*

ABST'D. IN BOOK 5 OF Sec PAGE 29-10-5

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 215

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# GEOHERMAL LEASE AND AGREEMENT **SUBSURFACE**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27 day of MARCH, 1973, by and between FAY HARPER, also known as Faye L. Harper, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lots 37, 38, 53, 54, 59, 60 and 61 in Tract "A" of River Bank Tract, according to the Plat filed in the County Recorder's Office in Book "C" of Plats page 59, said land being situated in the East half of Section 29, Township 10 North, Range 2 West, SLM, and containing 34 acres, more or less.

Containing 34 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H

BOOK 257 PAGE 216

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of MARCH, 1973, by and between GRANT SIMPER and GERALDINE D. SIMPER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lots 65, 66, 67, 68, 69, 82 and 83 of Tract "A", Riverbank Tract situated in Section 29, Township 10 North, Range 2 West, SLM, containing 37.33 acres more or less.

Containing 37.33 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands; and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 217

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of MARCH, 1973, by and between

WILLIAM J. KOTTER and OLIVE H. KOTTER, his wife, JAY W. KOTTER, an unmarried man.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 28 rods North of the Southwest corner of Section 33, Township 10 North, Range 2 West, SLM; thence running East 160 rods; thence North 21 rods; thence West 160 rods; thence South 21 rods to the place of beginning, containing 21 acres more or less.

Parcel 2: Beginning at the Northwest corner of the Northeast quarter of Section 33, Township 10 North, Range 2 West, SLM; thence running South 99.5 rods; thence East 107 rods; thence North 4° West 102 rods to North line of section; thence West 87 rods to beginning, less R.R. right of way. Description includes the following parcel of land: Beginning at a point 56 rods East and 99½ rods South of the Northwest corner of the Northeast quarter of Section 33, Township 10 North, Range 2 West, SLM; thence running West 13 rods; thence North 9 rods; thence East 30 rods; thence South 3 rods; thence East 33 rods; thence South 6 rods; thence West 50 rods to beginning.

EXCEPT FROM Parcel 2 that portion thereof conveyed to Utah Power & Light Company, a corporation, by deed recorded September 1, 1920 in Book 17 of Deeds page 263, Records of Box Elder County, more particularly described as follows:

Beginning at a point 43 rods East of a point 99½ rods South of the North quarter corner of Section 33, Township 10 North, Range 2 West, SLM; thence West 100 feet; thence North 50 feet; thence East 100 feet; thence South 50 feet to the place of beginning, containing 5000 square feet.

Parcel 3: Beginning at the Southeast corner of the Northwest quarter of Section 33, Township 10 North, Range 2 West, SLM; thence running West 160 rods; thence North 60 rods; thence East 160 rods; thence South 60 rods to beginning, less road.

EXCEPT FROM Parcels 2 and 3, those portions conveyed to the State Road Commission of Utah.

ACREAGE: 130.79 acres more or less according to Assessor

*J. W. K. 3-24-73*      *W. J. K. OK*      *N*

ABST'D. IN BOOK 5 OF See PAGE 33-10-3



RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 218

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5<sup>th</sup> day of MARCH, 19 73, by and between ~~CHARLES W. BURT and MARY B. BURT, his wife~~ (Seller); and MAURICE L. REEDER and PRUDENCE W. REEDER, his wife (Buyer);

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 3 rods West of the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence West 1206 feet; thence North 8° 51' West 175.5 feet; thence North 81° 34' West 53 feet; thence North 18° 17' West 254 feet; thence South 87° 28' West 68 feet; thence North 50° 35' West 168 feet; thence North 73 feet; thence South 89° 30' East 291 feet; thence East 1272 feet; thence South 595.5 feet to the beginning, containing 18.495 acres more or less.

Parcel 2: Beginning at a point 3 rods West of the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence North 595.5 feet; thence West 1272 feet; thence North 89° 30' West 291 feet; thence South 73 feet to the true point of beginning; thence running South 522 feet more or less to the South line of said Section 32; thence West 212 feet to Bear River; thence Southeastorly along Bear River to a point 337.6 feet West of a point South 12° 41' East 351.6 feet of a point 1255.5 feet West of the Southeast corner of said Section 32; thence East 337.6 feet; thence North 12° 41' West 351.6 feet; thence East 34 feet; thence North 8° 51' West 175.5 feet; thence North 81° 34' West 53 feet; thence North 18° 17' West 254 feet; thence South 87° 28' West 68 feet; thence North 50° 35' West 168 feet to the true point of beginning. Containing 3 acres more or less.

Parcel 3: Beginning at a point 3 rods West and 595.5 feet North of the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence West 1270.5 feet; thence North 708 feet; thence East 1270 feet; thence South 708 feet to the beginning. Containing 20.67 acres more or less.

Parcel 4: Beginning at the Northeast corner of Lot 71, Tract "B" River Bank Tract, which point of beginning is also 1303.5 feet North and 1320 feet West of the Southeast corner of Section 32, Township 10 North, Range 2 West, SLM; thence South 708 feet; thence North 89° 30' West 291 feet; thence South 123 feet; thence North 68° 20' West 184 feet; thence North 63° 35' West 259 feet; thence North 637.5 feet; thence East 694 feet to the point of beginning, containing 11.5 acres more or less.

ACREAGE: 53.655 acres more or less

M.S.R.  
P.H.R.

ABSTD. IN BOOK 5 OF Sec PAGE 32-10-2

Page 169

RECORDING REQUESTED

WHEN RECORDED MAIL TO

38409H

BOOK 257 PAGE 219

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# GEOHERMAL LEASE AND AGREEMENT **SUBSURFACE**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27 day of MARCH, 1973, by and between VERDON THOMPSON and ORPHA L. THOMPSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

All of Lots 4, 14 and 20, River Bank Tract "B", and beginning at the Northwest corner of Lot 37, River Bank Tract "B", running East 330 feet, South 400 feet, South 41°40' West 486.6 feet to the West line of Lot 42 of said Tract; thence North 800 feet to the point of beginning. *Section 10 - T. 10 N. - R. 2 W.*

Containing 20 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H  
NOV 26 1973

BOOK 257 PAGE 220

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the \_\_\_\_\_ day of FEBRUARY, 1973, by and between \_\_\_\_\_

~~MORRIS K. LEE, also known as Morris Kent Lee, and ORETA M. LEE, his wife;~~

MILLER & VIELE, a Utah corporation; and

WILLIAM W. SMITH and ~~NELLIE J. SMITH, his wife,~~ DECEASED

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; running thence West 262.8 feet; thence North 1266.2 feet; thence North 85° 16' East 1493 feet to the point of beginning; thence North 85° 16' East 1418.8 feet to the quarter section line; thence North 90½ feet; thence South 85° 16' West 1477.8 feet to the County Road; thence South 35° 03' East 104.8 feet to the point of beginning, containing 3 acres more or less.

Parcel 2: All that part of the following described tract lying East of the State Highway as now established: Beginning 58 feet South and 137.9 feet West of the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; thence West 124.9 feet; thence North 769 feet; thence North 86° 52' East 2906.2 feet; thence South 927.8 feet; thence South 88° 48' West 2780.5 feet to the point of beginning.

Parcel 3: All that part of the following described tract lying East of the State Highway as now established: Beginning 262.8 feet West and 769 feet North of the Southwest corner of Section 36, Township 10 North, Range 2 West, SLM; thence running North 497.2 feet; thence North 85° 16' East 2911.8 feet more or less to the quarter section line; thence South 579 feet; thence South 86° 52' West 2906.2 feet to the point of beginning.

Containing 39.0 acres, more or less.

W.W.S.

ABSTD. IN BOOK 5 OF Sec PAGE 36-10-2 ✓

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 221

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10 day of MARCH, 1973, by and between

JERRY D. WILDE and KAY L. WILDE, his wife; and  
LAWRENCE D. WILDE, also known as Lawrence Dare Wilde, and KEREN S. WILDE,  
his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southeast corner of Section 26, Township 10 North, Range 2 West, SLM; running thence West 90 rods; thence North 65° 30' East 100 rods; thence South 41 rods to the beginning.

Also: Beginning at the Northeast corner of Section 35, Township 10 North, Range 2 West, SLM; thence running South 26½ rods; thence South 82° West 161 rods; thence North 16½ rods; thence North 65½° East 76 rods; thence East 90 rods to the beginning.

EXCEPT FROM Parcel 1 that portion thereof described as follows: Part of the Southeast quarter of Section 26 and part of the Northeast quarter of Section 35, Township 10 North, Range 2 West, SLM, described as follows: Beginning at the Southeast corner of said Section 26; thence North along the East line of said Section 26, 674 feet to an existing fence being the Grantor's North property line; thence South 66° 54' West 633 feet along said North line to the East line of Highway 69; thence South 31° 35' East 729 feet along said East line to an existing fence; thence North 65° 46' East 210 feet along said fence to the East line of said Section 35; thence North 108.9 feet along said East line to the point of beginning. Containing 7 acres more or less.

Parcel 2: Beginning at the Northwest corner of Section 36, Township 10 North, Range 2 West, SLM; thence running South 26½ rods; thence North 83° East 86 rods; thence North 17 rods; thence West 80 rods to the beginning.

Parcel 3: Beginning at a point 26½ rods South of the Northeast corner of Section 35, Township 10 North, Range 2 West, SLM; thence running North 83° East 80 rods; thence South 41½ rods; thence South 83° West 221 rods; thence North 45° West 26 rods; thence North 20 rods; thence North 82° East 161 rods to the beginning. Reserving a strip now being used for a County Road and also a strip being used by O.L.&I.R.R. and also reserving a strip of land 1 rod wide along the West side of the above described land, following the meander line of the lake heretofore sold to Ogden Portland Cement Company as now recorded in the County Recorder's Office of Box Elder County.

ACREAGE: 102.52 acres more or less according to Assessor

*J.D.W.*  
*K.L.W.*  
*H.S.W.*

ABST'D. IN BOOK 5 OF Sec PAGE 26710-2 ✓

35-10-2 ✓

36-10-2 ✓

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RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 222

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15 day of MARCH, 1973, by and between CHESTER A. STANDER, also known as CHESTER STANDER, and ADA B. STANDER, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 2: Beginning at the Northeast corner of the Southwest quarter of Section 2, thence running South 2701 feet to a point 33 feet North of the Southeast corner of said quarter section; thence South 85° 51' West on a line parallel to and 33 feet North of section line 1407 feet; thence North 380 feet; thence South 88° 15' East 917 feet; thence North 2410 feet; thence North 86° 25' East 489 feet to the beginning, containing 37.30 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 223

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7<sup>th</sup> day of March, 1973, by and between

**WAYNE DAVID HOLMGREN, a married man as his sole and separate property**

hereinafter called the "Lessor" and **GEOHERMAL - KINETICS SYSTEMS CORPORATION**, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The following described tract of land being in Sections 2 and 3 T. 10 N. R. 3 W. and in Sections 34 and 35 T. 11 N. R. 3 West, Salt Lake Meridian:

Beginning at a point 356 feet North from Northwest Corner of said Section 2, running thence North 87°10' East 1159 feet, thence South 1°45' West 651 feet, thence South 88°40' West 4900 feet, more or less, to the Malad River, thence Northeasterly along the Malad River to a point 3287 feet West and 194 feet North of the Northwest Corner of said Section 2, thence running North 87°10' East 3290 feet to the point of beginning, contg. 66.5 acres.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF See PAGE 2-10-3, 3-10-3

Page 178  
3 of Sec 34-11-3, 35-11-3

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 224

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16 day of MARCH, 1973, by and between

STEVEN R. JEPPELSON, also known as STEVEN JEPPELSON, and

EVELYN LAURA JEPPELSON, also known as EVELYN L. JEPPELSON,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 4: The South half of the Southeast quarter of Section 4.

~~Section 5: Beginning at a point North 220 feet and West 117 feet from the Southeast corner of the Southwest quarter of Section 5; thence running East 516 feet; thence South 220 feet; thence East 2208 feet; thence North 1540 feet; thence South 89° 35' West 2724 feet; thence South 1300 feet to the point of beginning, containing 93.08 acres.~~

*SJR*  
*N*

~~EXCEPTING THEREFROM the following: Beginning at the Southeast corner of said Section 5; thence North 600 feet; thence West 150 feet; thence South 600 feet; thence East 150 feet to the beginning.~~

Containing ~~171.02~~ <sup>20.00</sup> acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED

38409H

NOV 26 1973

BOOK 257 PAGE 225

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of MARCH, 1973, by and between

STEVEN R. JEPPELSON, also known as STEVEN JEPPELSON, and

EVELYN LAURA JEPPELSON, also known as EVELYN L. JEPPELSON, Sellers,

and SHELTON J. GEORGE and PAMALA B. GEORGE, his wife, Buyers

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

~~Section 4: The South half of the Southeast quarter of Section 4.~~

Section 5: Beginning at a point North 220 feet and West 117 feet from the Southeast corner of the Southwest quarter of Section 5; thence running East 516 feet; thence South 220 feet; thence East 220<sup>3</sup> feet; thence North 1540 feet; thence South 89° 35' West 2724 feet; thence South 1300 feet to the point of beginning.

EXCEPTING THEREFROM the following: Beginning at the Southeast corner of said Section 5; thence North 600 feet; thence West 150 feet; thence South 600 feet; thence East 150 feet to the beginning. Containing 91.02 acres more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 226

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 20<sup>th</sup> day of March, 1973, by and between

ULALLA H. HANSEN, who acquired title as,  
ULALLA H. CORNWALL, a widow, A MARRIED WOMAN SEPARATE PROPERTY  
~~MARY MENDOZA, who acquired title as,~~  
~~MARY CORNWALL, a married woman, as her sole and separate property~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM  
Section 4: The North half of the Southeast quarter,  
containing 80 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

- (a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and
- (b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

- 1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.
- (b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

Box Elder County

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 227

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of March, 1973, by and between

LeROY J. HOLLAND and DOROTHY N. HOLLAND, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM

Section 4: Parcel 1 - All of the Southeast quarter of the Southwest quarter, less 2 rods on and along the South and East sides for roads, containing 38.60 acres, more or less.

Parcel 2 - That portion of the Southwest quarter of the Southwest quarter lying East of Sulphur Creek, reserving the road and ditch rights of way as now exist.

Containing a total of 72.60 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 228

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of March, 1973, by and between HOWARD R. STOKES and JOYCE H. STOKES, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 27: Beginning at a point 33 feet East and 1402 feet South of the Northwest corner of Section 27, and running thence East 1287 feet; thence South 1267 feet; thence West 1287 feet; thence North 1267 feet to the point of beginning, containing 38 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 229

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16 day of MARCH, 1973, by and between

STEVEN JEPPELSON and EVELYN LAURA JEPPELSON, his wife,

hereinafter called the "Lessor" and **GEOHERMAL - KINETICS SYSTEMS CORPORATION**, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SIM

Section 9: Beginning at the Northeast corner of the West half of the Northeast quarter of Section 9; thence West 20 rods; thence South 40 rods; thence East 20 rods; thence North 40 rods to the beginning, containing 5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 230

38409 N.

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of MARCH, 1973, by and between

SUNDER SINGH

~~THE UNION CENTRAL LIFE INSURANCE COMPANY, a corporation,~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 9 North, Range 3 West, SLM

Section 1: The South half of the Southwest quarter of the Northwest quarter, containing 19-1/2 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409 H.

BOOK 257 PAGE 231

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15 day of FEBRUARY, 1973, by and between

SUNDER SINGH;

JOHN WILLIAM SINGH,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The West half of the Northwest quarter of the Southwest quarter of Section 1, Township 9 North, Range 3 West, SLM, reserving therefrom a right of way one rod wide on the North side and 2 rods wide on the West side, containing exclusive of such reservations, 19 acres more or less.

EXCEPTING THEREFROM the following: Beginning 1 rod South and 2 rods East of the Northwest corner of the Southwest quarter of said Section 1; thence South 12.45 rods; thence East 12.45 rods; thence North 12.45 rods; thence West 12.45 rods to the place of beginning.

Also, beginning at a point 665.5 feet South 89° East (variation 18°) from the quarter section corner on the West side of Section 1, Township 9 North, Range 3 West, SLM; thence South 878 feet; thence South 18° 1' East 266 feet; thence South 74° 1' East 151 feet; thence South 82° 15' East 780 feet; thence North 6° 44' West 696 feet; thence North 22° 40' West 452 feet; thence North 6° West 172 feet; thence North 89° West 644 feet to the point of beginning, containing in all exclusive of a strip 16½ feet wide along the North side for purpose of a road, 22.11 acres more or less.

Also, the Southwest quarter of the Southwest quarter of Section 1, Township 9 North, Range 3 West, SLM, containing 40 acres more or less.

Also, beginning at a point 1272.2 feet East of the Southwest corner of Section 1, Township 9 North, Range 3 West, SLM; thence South 89° 25' East along the South line of Section 1, 1596.3 feet; thence North 2131.6 feet; thence South 26° 12' West 91.1 feet; thence South 65° 16' West 575 feet; thence South 47° 49' West 509.3 feet; thence South 59° 52' West 173 feet; thence South 89° 50' West 143.3 feet; thence South 22° 30' West 45.3 feet; thence North 89° 04' West 347 feet; thence South 1324.7 feet to the point of beginning, containing 60.50 acres more or less.

EXCEPTING AND RESERVING from the above described tract of land all rights of way for State Highway and County Roads.

ACREAGE: 140.65 acres more or less

ABST'D. IN BOOK

OF

PAGE

2 OF Sec 1-9-3 ✓

Page 182



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 232

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24<sup>th</sup> day of March, 1973, by and between WILLARD M. YATES and KATHERINE K. YATES, his wife LARUE YATES AND FREWTRILLA YATES, his wife

Leg. 2/27/73

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 21 1/2 rods North of the Southwest corner of the Northwest quarter of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running North 30 1/2 rods; thence North 52° 30' East 46 rods; thence North 52° 28' East 57 rods; thence North 53° 30' East 99 rods; thence South 13 rods; thence East 43 rods; thence South 59° 21' West 104 rods; thence South 39° 30' East 23 rods; thence South 62° 45' West 146 rods to beginning. Less R. R. Containing approximately 46 acres.

Parcel 2: Beginning at a point 844.6 feet North of the Southeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence North 648.4 feet; thence West 240 rods; thence South 648.4 feet; thence East 240 rods to beginning.

EXCEPTING THEREFROM that portion thereof lying East of Interstate #15.

ALSO EXCEPTING THEREFROM that portion heretofore conveyed to the State Road Commission of Utah.

Parcel 3: Beginning at a point 8 rods West of the Northeast corner of the Southwest quarter of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running South 62 1/2° West 81 rods; thence North 52 1/2 rods; thence North 62 3/4° East 146 rods; thence North 39 1/2° West 23 rods; thence North 59° 21' East 104 rods; thence East 37 rods; thence South 46 rods; thence South 62 1/2° West 88 rods; thence South 37 rods; thence South 62 1/2° West 99 1/2 rods to beginning.

EXCEPTING THEREFROM that portion thereof lying West of the O.S.L.R.R. right of way.

ALSO EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point West 3330 feet and South 2137 feet from the Northeast corner of said Section 15, said point of beginning being on the Easterly right of way of Highway 69; thence North 60° 32' East 336 feet; thence South 31° 25' West 159.6 feet; thence South 61° 21' West 159 feet; thence North 33° 22' West 29 feet; thence South 61° 30' West 169.3 feet to the Easterly line of said Highway 69; thence North 35° 34' West 100 feet along said Easterly line to the point of beginning, containing 1.1 acres.

Parcel 4: Beginning at a point 99 feet North of the Southeast corner of the Northeast quarter of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running North 750 feet; thence South 79° 22' West 2683 feet; thence South 350 feet; thence East 1320 feet; thence South 676 feet; thence North 62° 30' East 90 rods to beginning.

Quit claim dec'd comes this from

Parcel 5: Beginning at a point 5 rods East of the Southwest corner of the Northwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running East 31 rods; thence North 52° 28' East 57 rods; thence North 25 rods; thence South 52° 30' West 99½ rods to the point of beginning, containing 9.23 acres.

Parcel 6: Beginning at the Northwest corner of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running East 36 rods; thence South 52° 30' West 46 rods; thence North 22 rods to beginning, less R. R. Containing 2.80 acres.

Parcel 7: That part of the following described land lying West of the State Highway: Beginning at a point 13 rods North of the Northwest corner of the Southwest quarter of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; running thence North 22 rods; thence South 57° West 82 rods; thence South 34° East following County Road 3 rods; thence South 52° 05' West 14 rods; thence South 24 rods; thence North 53° 12' East 99 rods to beginning. The land conveyed hereby containing 2 acres more or less.

Parcel 8: Beginning at a point 65.5 feet South of the Northwest corner of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence running South 376.7 feet; thence South 53° 10' West 242.5 feet; thence North 23° 41' West 301.3 feet; thence North 52° 14' East 400 feet to beginning. Containing 2.41 acres.

Parcel 9: Beginning at a point 37.45 chains South of the Northwest corner of Section 15, Township 10 North, Range 2 West, SLM; thence running North 52° 13' East 26.45 chains more or less to the County Road; thence South 31° 45' East 211.8 feet more or less; thence South 52° West 34.94 chains to the O.S.L.R.R.; thence North 24° 35' West 3.40 chains; thence North 52° 13' East 7.77 chains to beginning. Containing 10.9 acres more or less.

ACREAGE: 215.34 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 16-10-2 ✓

15-10-2 ✓

RELEASED  
- 271 p. 172

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 234

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the <sup>27<sup>th</sup></sup> day of April, 1973, by and between L. SHELLEY MUNNS and MARY H. MUNNS, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning 4030 feet East from the Southwest corner of Section 22, Township 10 North, Range 3 West, SLM; thence North 5181 feet more or less to the South line of East-West canal; thence East along South line of said canal 1250 feet more or less to East line of said section; thence South along East line of said section 5181 feet more or less to Southeast corner of said section; thence West 1250 feet more or less to beginning.

Containing 148.6 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

NOMAD 5 - 240 A  
BOX ELDER COUNTY

38409H

NOV 26 1973

BOOK 257 PAGE 235

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 27<sup>th</sup> day of April, 1973, by and between

L. SHELLEY MUNNS and MARY H. MUNNS, his wife, as joint tenants

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in BOX ELDER County, State of UTAH, known and described as follows:

Beginning at a point 33 feet North and 1250 feet West from the Southeast Corner of Sec. 22 T. 10 N. R. 3 W. S.L.M., thence West 830.5 feet thence North 3740 feet, thence West 939.5 feet to a point 30 feet East from the canal right of way, thence North 32° East 1681 feet, thence East 870 feet, more or less, to a point 5164 feet North from the point of beginning, thence South 5164 feet to beginning, contg. 114 acres.

Also, Beginning at a point 3522 feet West and 2373 feet North from the Southeast Corner of Sec. 22 T. 10 N. R. 3 W. S.L.M. said point being on the West right of way line of the Canal, thence West 110 feet, thence North 2900 feet, thence East 1399 feet, to the canal right of way thence South 32° West along the canal right of way 3181 feet to beginning. Contg. 40 acres.

ACREAGE: 154 acres, more or less.

*Handwritten initials and scribbles*

ABSTD. IN BOOK 5 OF Sec 22-10-3 PAGE ✓

RECORDED  
Bk 271 Pg 177

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 236

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of April, 1973, by and between Q. MAURICE HUNSAKER and HORTENSIA M. HUNSAKER

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: That part of the Northwest quarter lying West and South of the Malad Valley Railroad in Section 23, Township 10 North, Range 3 West, SLM.

Parcel 2: That part of the Northeast quarter lying West and South of the Malad Valley Railroad in Section 23, Township 10 North, Range 3 West, SLM.

Containing 175 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 237

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28<sup>th</sup> day of April, 1973, by and between PRESTON J. CHECKETTS and LOUISE B. CHECKETTS, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in BOX ELDER County, State of UTAH, known and described as follows:

Beginning at the Southeast Corner of Section 18, Township 10 North, Range 2 West, S1M, and running thence North 89°45' West along the Section line 898.7 feet, thence North 53°53' West 3.9 feet, thence North 89°45' West 1221.6 feet, thence North 68°22' West 635.1 feet, thence North 66°2' West 288.1 feet, thence North 52°03' West 475.2 feet, thence North 44°38' West 302.2 feet, thence East 1400 feet, thence North 43°20' West 399.5 feet, thence East 2436.3 feet to the Section line, thence South 1158.5 feet more or less to the point of beginning. EXCEPTING a strip of land along the East side for public road. Containing 74.00 acres more or less.

Containing 74.00 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force, for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

*Page 188*

RECORDING REQUEST

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 238

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14<sup>th</sup> day of April, 1973, by and between SHOJI I. WATANABE and SUE S. WATANABE, his wife; ~~and OREGON SHORT-LINE RAILROAD COMPANY, a corporation~~

*S.W.*  
*W*

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 81 rods North and 44 $\frac{1}{2}$  rods West of the Southeast corner of Section 17, Township 10 North, Range 2 West, SLM; running thence West 815.5 feet; thence North 1627 feet; thence East 815.5 feet; thence South 1627 feet to the place of beginning, containing 30 $\frac{1}{4}$  acres more or less.

Parcel 2: Beginning 80 rods North of the Southwest corner of the Northwest quarter of Section 17, Township 10 North, Range 2 West, SLM; running thence North 78 rods to County Road; thence East to County Road 17.52 chains; thence South 11.42 chains; thence South 25° 02' East to a point East of the point of beginning; thence West to the point of beginning, containing 42 acres more or less.

Containing 72.25 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 239

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25<sup>th</sup> day of April, 1973, by and between HORACE AOKI and KIMIYE AOKI, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 24 rods South of the Northwest corner of the East half of the Northwest quarter of Section 8, Township 10 North, Range 2 West, SLM; thence South 136 rods; thence East 80 rods; thence North 136 rods; thence West 80 rods to the point of beginning.

Containing 68 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel; communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 240

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14<sup>th</sup> day of April, 1973, by and between ORLAND MORRELL HUNSAKER and ALICE E. HUNSAKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

A part of Section 5, Township 10 North, Range 2 West, SLM, described as follows: Beginning at the Southwest corner of said Section 5, and running thence North 1743 feet; thence East 2640 feet to the center section line; thence South along said line to the Southeast corner of the Southwest quarter of Section 5; thence West along said section line to beginning.

EXCEPTING THEREFROM that certain 7.08 acre parcel taken by the State Road Commission of Utah by Final Order of Condemnation recorded April 10, 1961 in Book 146 page 324, Records of Box Elder County.

Containing 96.42 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 241

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25 day of APRIL, 1973, by and between JOHN K. TANAKA, also known as John Tanaka, a single man

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 34 feet West of the Northeast corner of Lot 4, Block 5, Honeyville Townsite Survey; thence running South 7 rods; thence West 12 rods; thence North 7 rods; thence East 12 rods to the place of beginning.

ALSO: That part of Lot 1 in Block 3 and Lot 3 in Block 4 in Honeyville Townsite, lying East of what is known as the West Field Road.

ALSO: The South 11 acres of Block 1, Honeyville Townsite.

All of the above tracts situated in Section 5, Township 10 North, Range 2 West, SLM.

Parcel 2: Beginning 2.43 chains North of the Southwest corner of the Southeast quarter of Section 5, Township 10 North, Range 2 West, SLM; thence running East 20.75 chains; thence South 4.82 chains; thence West 20.75 chains; thence North 4.82 chains to point of beginning, containing 10 acres.

EXCEPTING THEREFROM those certain parcels conveyed to the State Road Commission of Utah by deeds recorded September 26, 1960 in Book 140 pages 207 and 208, Records of Box Elder County.

ALSO: Lots 2 and 6, Block 4, Honeyville Townsite, situate in the East half of the Northeast quarter of Section 5, Township 10 North, Range 2 West, SLM.

*J.K.T.*  
ACREAGE: 28.0 ac.

ABST'D. IN BOOK 5 OF Sec PAGE 5-70-2 ✓

*H of 2nd pg. 9 ✓*  
*98 ✓*

*N of 2nd pg. 63 ✓*  
*J of 2nd pg. 159 ✓*

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 242

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28 day of April, 1973, by and between DAVID J. GILMORE and NORMA GILMORE, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 4.12 chains East of the quarter section corner of Sections 4 and 5, Township 10 North, Range 2 West, SLM; thence East 4.56 chains to lane; thence South 18° 35' East with said lane 13.80 chains; thence North 88° 50' West 5.20 chains; thence North 16° 34' West 13.52 chains to beginning, less railroad .75 acre, situated in Section 4 and containing 4.70 acres.

Parcel 2: Lot 1 of Block 9 of Tolman Addition to Honeyville Survey.

Parcel 3: Lot 2 of Block 9 of Tolman Addition to Honeyville Survey.

Parcel 4: Beginning at a point 11 links East of the quarter section corner common to Sections 4 and 5, Township 10 North, Range 2 West, SLM; thence East 4.01 chains; thence South 16° 34' East 13.52 chains; thence North 88° 50' West 5.30 chains; thence North 11° 15' West 13.10 chains to beginning.

ACREAGE: 16.21 acres more or less

ABST'D. IN BOOK B OF 300 PAGE 187 ✓  
5 of Ser pg. 4-10-25 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 243

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of April, 1973, by and between ROBERT LYNN HUNSAKER and RUTH W. HUNSAKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1320 feet South of the Northeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence South 531 feet; thence West 227 feet; thence North 531 feet; thence East 227 feet to beginning. Containing 2.77 acres.

Beginning at a point 1320 feet South and 227 feet West of the Northeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence South 531 feet, West 1084 feet, North 531 feet, East 1084 feet to beginning. Containing 13.22 acres.

Beginning at a point 1818 feet North and 4730 feet West of the Southeast corner of the Northeast quarter of Section 6, Township 10 North, Range 2 West, SLM; thence South 2° 12' West 1607 feet, North 69° 30' West 510 feet, North 1745 feet, South 69° East 305 feet, South 19° West 75 feet, South 66° East 314 feet to beginning. Containing 19.25 acres.

Beginning at the Northeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence South on section line 1325.9 feet, West 1379.2 feet, North 365 feet, North 64° 57' East 113 feet, North 37° 14' East 269.9 feet, North 24° 52' East 170.3 feet, North 6° 26' East 193.4 feet, North 13° 41' West 365.1 feet, East 1150 feet to beginning. Less State Road. Containing 33.09 acres.

ACREAGE: 68.33 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 6-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 244

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 14<sup>th</sup> day of April, 1973, by and between MORRELL HUNSAKER, also known as Orland Morrell Hunsaker, and ELAINE N. HUNSAKER, also known as Alice Elaine Hunsaker, also known as Alice E. Hunsaker, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 2 rods West of the Southeast corner of the Southeast quarter of Section 6, Township 10 North, Range 2 West, SLM; thence North 80 rods; thence West 22 rods; thence South 80 rods; thence East 22 rods to beginning. Containing 11.00 acres. Less roads.

The South half of the Northeast quarter of the Southeast quarter of Section 6, Township 10 North; Range 2 West, SLM. Containing 19.50 acres. Less roads.

Beginning at a point on section line 24 rods West of the Southeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence West along the South line of section 34 rods; thence North 80 rods; thence East 34 rods; thence South on a line parallel to and 24 rods West of the East line of section, 80 rods to beginning. Containing 17.00 acres.

Beginning at a point 1320 feet South and 1356 feet West of the Northeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence South 531 feet, West 1568 feet, North 41° 35' West 865 feet, North 73° 30' West 700 feet, North 20 feet, South 86° 30' East 1535 feet, South 249 feet, East 1284 feet to beginning.

EXCEPT 1.62 acres conveyed to Box Elder County in deed recorded June 6, 1970 in Book 227 page 8, Records of Box Elder County.

Beginning at a point 1325.9 feet South and 1379.2 feet West from the Northeast corner of Section 6, Township 10 North, Range 2 West, SLM; thence West 1260.8 feet; thence North 239.6 feet; thence South 87° 51' East 729.3 feet; thence North 79° 6' East 365.6 feet; thence North 64° 57' East 193 feet; thence South 363 feet to beginning. Containing 7.00 acres.

ACREAGE: 81.62 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 6-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 245

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of April, 1973, by and between MALCOLM C. YOUNG and ALICE H. YOUNG, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 2 West, SLM

Beginning at the Southwest corner of the north half of the north half of the southwest quarter of Section 14, Township 10 North, Range 2 West, SLM; running thence north 250 feet more or less to existing fence; thence running north-easterly along said fence to center line of said Section 14; thence south to southeast corner of the north half of the north half of the southwest quarter of said Section 14; thence running west 2640 feet more or less to beginning.

Containing 15.15 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDED REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 246

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of April, 1973, by and between MALCOLM G. YOUNG and ALICE H. YOUNG, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah known and described as follows:

Parcel 1: The South half of the North half of the Southwest quarter of Section 14, Township 10 North, Range 2 West, S1M.

Parcel 2: Commencing at a point 4.69 chains East of the Southwest corner of the Southeast quarter of Section 15, Township 10 North, Range 2 West, S1M; thence North 21° West 2.91 chains; thence North 63 1/4° East 8.59 chains; thence North 54 1/4° West 4.68 chains; thence North 62 1/4° East 17.30 chains to the East side of the County Road; thence North 43° West 18 links; thence North 62 1/4° East 7.20 chains; thence North 43° West 7.10 chains; thence North 59 3/4° East 18 chains to the East boundary of said section; thence South 18.30 chains; thence South 67° West 30 chains; thence South 21° East 5.50 chains to the South boundary of said section; thence West 8.71 chains to the point of beginning, containing 38.66 acres more or less.

Parcel 3: Commencing at a stake on ditch bank 103 1/2 rods West of the Northeast corner of Section 22, Township 10 North, Range 2 West, S1M; thence West 38 4/5 rods to a cedar stake under fence; thence South 16 1/2° East 49 rods; thence North 86° East 42 rods; thence North 21 1/4° West 47 rods and 6 feet to the point of beginning, containing 11.63 acres.

ACREAGE: 90.29 acres more or less

*M.G. Young*

*N*

ABSTD. IN BOOK 5 OF Sec PAGE 14-10-2

15-10-2

22-10-2

*Page 197*

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 247

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of April, 1973, by and between MALCOLM C. YOUNG and ALICE H. YOUNG, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 474.36 feet North and South 67° West 502 feet more or less from the Southeast corner of Section 15, Township 10 North, Range 2 West, SLM, said point being on the West line of Highway 69; thence South 67° West 1234 feet to the West line of Grantor's property; thence North 23° West 562 feet along West line to Grantor's North property line; thence North 67° East 1058 feet more or less along said North line to the West line of Highway 69; thence Southeasterly 581 feet more or less along said West line to beginning, being in Sections 15 and 22 and containing 14.80 acres.

Containing 14.80 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 248

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 25th day of April, 1973, by and between W. VIRL WORWOOD and ONEITA B. WORWOOD, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: That part of the following tract of land lying East of the State Highway known as S.R.30: Beginning at a point 13 rods North of the Northwest corner of the Southwest quarter of the Northeast quarter of Section 15, Township 10 North, Range 2 West, SLM; thence North 22 rods; thence South 57° West 82 rods; thence South 34° East following County Road 3 rods; thence South 52° 05' West 14 rods; thence South 24 rods; thence North 53° 12' East 99 rods to beginning, containing 9.5 acres.

EXCEPTING THEREFROM that portion described as follows: Beginning at a point 1344.3 feet South and 1475 feet East and South 31° 59' East 150 feet along East side of right of way of State Road from the Northwest corner of said Section 15; said point of beginning being Grantor's Northwest property corner; thence North 52° 18' East 130 feet; thence Southeast parallel to Highway 180 feet; thence Southwesterly parallel to North property line 130 feet; thence North 31° 59' West along said right of way line 180 feet more or less to point of beginning.

Parcel 2: Beginning at a point 20 rods South of the Northeast corner of Section 15, Township 10 North, Range 2 West, SLM; thence West 160 rods; thence South 35 rods; thence North 79° 22' East 162.6 rods; thence North 5 rods to point of beginning. Containing 20 acres.

ACREAGE: 29.02 acres more or less

ABST'D. IN BOOK 5 OF Ser PAGE 15-10-2

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 249

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2 day of MAY, 1973, by and between

JOHN M. WARD and ALEEN H. WARD, his wife

RT 2A Box 224

TREMONTAIN UTAH

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

East one-half of Section 33 Township 11  
North, Range 3 West, Salt Lake Meridian.  
containing 313.88 acres.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 250

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 26<sup>th</sup> day of February, 1973, by and between

~~WILLIAM PETERSEN, a widower,~~

*ESP*  
EARL LEWIS PETERSEN

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning 140 feet West of the Northeast corner of the Southeast quarter of Section 23, Township 11 North, Range 3 West, SLM; running thence South 768 feet; thence West 853 feet; thence North 0° 54' West 758 feet; thence North 89° 20' East 865 feet to the place of beginning.

Also, beginning 135 feet West and 768 feet South of the Northeast corner of the Southeast quarter of said Section 23; running thence South 833.5 feet; thence West 845 feet; thence North 0° 54' West 833.6 feet; thence East 858.1 feet to the place of beginning.

Also, beginning 199 feet North and 1102.6 feet East of the Southwest corner of the Southeast quarter of said Section 23; thence running East 567.6 feet; thence North 0° 30' West 1162.7 feet; thence South 87° 52' West 594.5 feet; thence South 1° 51' East 1141.2 feet to place of beginning.

Also, beginning 1361.7 feet North and 1331.4 feet East of the Southwest corner of the Southeast quarter of said Section 23; running thence North 0° 16' East 1259.5 feet; thence North 88° 12' East 313.3 feet; thence South 0° 30' East 1257 feet; thence South 87° 52' West 330 feet to the place of beginning.

Also beginning 199 feet North and 1671.6 feet East of the Southwest corner of the Southeast quarter of said Section 23; thence running East 829 feet to the Bear River Canal right of way; thence North 0° 39' East 858 feet; thence South 89° 05' West 846 feet; thence South 0° 30' East 844.5 feet to the place of beginning.

EXCEPTING THEREFROM the following: Beginning 199 feet North and 1671.6 feet East of the Southwest corner of the Southeast quarter of said Section 23; thence East 829 feet to Bear River Canal right of way; thence North 0° 39' East 385 feet; thence South 89° 05' West 846 feet more or less; thence South 0° 30' East 385 feet to the place of beginning.

ACREAGE: 65.03 acres more or less according to Assessor

*ESP*

ABST'D. IN BOOK 3 OF Sec PAGE 23-11-3 ✓

*Page 201*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 251

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21<sup>st</sup> day of May, 1973, by and between MERLIN ANDERSON and LA VON ANDERSON, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM.

Section 23: Beginning at a point 8 rods West of the Southeast corner of said section; thence running West along section line 38 rods; thence North 48 feet more or less to the South line of County Road; thence Easterly along South line of said road to a point due North of the point of beginning; thence South to the point of beginning.

Section 26: Beginning at a point 114 rods East of the Northwest corner of the Northeast quarter of said section; thence South 160 rods; thence East along quarter section line 38 rods more or less to the Bear River canal right of way; thence North along said right of way 160 rods to North line of section; thence West 38 rods to place of beginning.

Containing in all a total of 38.35 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds; of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 252

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1973, by and between LA VERE C. ANDERSON and CLYTIE R. ANDERSON, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 8 rods West of the Northeast corner of the Southeast quarter of Section 26, Township 11 North, Range 3 West, SLM; running thence West 98 rods; thence South 36 rods; thence East 26 rods; thence South 3 rods; thence East 72 rods; thence North 39 rods to point of beginning, containing 23 acres.

Parcel 2: Beginning at a point 39 rods South and 8 rods West of the Northeast corner of the Southeast quarter of Section 26, Township 11 North, Range 3 West, SLM; thence West 72 rods; thence South 40 rods; thence East 72 rods; thence North to point of beginning, containing 18 acres more or less.

Parcel 3: Beginning at a point 79 rods South of the Northeast corner of the Southeast quarter of Section 26, Township 11 North, Range 3 West, SLM; thence West 80 rods; thence South 1 rod; thence East 80 rods; thence North 1 rod to beginning.

Parcel 4: Beginning at a point 80 rods South and 80 rods West of the Northeast corner of the Southeast quarter of Section 26, Township 11 North, Range 3 West, SLM; running thence North 44 rods; thence West 26.67 rods; thence South 44 rods; thence East 26.67 rods to the point of beginning, containing 7.33 acres.

Parcel 5: Beginning 76 rods East of the Northwest corner of the Northeast quarter of Section 26, Township 11 North, Range 3 West, SLM; thence South 160 rods; thence East along the quarter section line 38 rods; thence North 160 rods; thence West 38 rods to beginning.

Also, beginning 46 rods West of the Southeast corner of Section 23, Township 11 North, Range 3 West, SLM; thence West 38 rods; thence North 94.95 feet to the South line of County Road; thence East along South line of said road to a point due North of beginning; thence South 48 feet to beginning.

Parcel 6: Beginning at a point 1163.5 feet South from the East quarter corner of Section 25, Township 11 North, Range 3 West, SLM, said point marked by a right of way monument; thence South 1486 feet to section line; thence West 1083 feet; thence North 403 feet; thence North 75° 40' East 460 feet (this distance should be 442 feet); thence North 2120 feet to a point on the West right of way line of the interstate highway and marked by a monument; thence South 29° 40' East 1320 feet to beginning, containing 35.43 acres.

Parcel 7: Beginning at a point 651 feet West from the East quarter corner of Section 25, Township 11 North, Range 3 West, SLM, said point marked by a right of way monument; thence West 664 feet; thence North 1153 feet to a point on the interstate highway right of way; thence South 29° 56' East to beginning, containing 8.87 acres.



Parcel 8: Beginning at a point 1 rod South and 655 feet West of the Northeast corner of the Southeast quarter of Section 25, Township 11 North, Range 3 West, SLM; thence South 2116 feet; thence South  $75^{\circ} 49'$  West 460 feet; thence South 403 feet; thence West 228 feet; thence North 700 feet; thence East 16.5 feet; thence North 1933 feet; thence East 654 feet to beginning, containing 35 acres.

Parcel 9:

Beginning at the Southwest corner of Lot 10, being the Southwest corner of Section 30, Township 11 North, Range 2 West, SLM; running thence East 864 feet more or less to the West line of State Highway; thence North  $31^{\circ} 42' 30''$  West along said highway to the West line of said Section 30; thence South along the West line of said section to the point of beginning.

EXCEPT that 0.10 acre portion conveyed to the State Road Commission of Utah by deed dated December 20, 1961 and recorded in Book 158 page 420, Records of Box Elder County.

Containing in all a total of 181.05 acres, more or less.

ABSTD. IN BOOK 3 OF Sec PAGE 26-11-3 ✓  
 30-11-2 ✓  
 23-11-3 ✓  
 25-11-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 254

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28 day of APRIL, 1973, by and between

GERTRUDE J. IVERSON, a widow SELLER

JOHN K. TANAKA BUYER

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Beginning at the Southeast corner of the Southwest quarter of Section 26; thence North along East line of the Southwest quarter of said section to center of said section; thence South 85° 45' West 665 feet; thence South parallel to the East line of the Southwest quarter of said section to the South line of said section; thence East along said South line 665 feet more or less to beginning.

Containing 40.25 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 6 1973

BOOK 257 PAGE 255

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 28 day of APRIL, 1973, by and between

JOHN K. TANAKA, a single man

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Beginning at a point 1625 feet East and 33 feet North of the Southwest corner of the Southeast quarter of Section 26, and running thence North 1287 feet; thence East 865 feet; thence South 1287 feet; thence West 865 feet to the place of beginning.

Containing 25.78 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 256

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT, (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1973, by and between FRANK L. ANDERSON and WILMA K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Parcel 1: All that part of the Northeast quarter of the Southwest quarter of Section 24, lying North and East of the State Road right of way.

Parcel 2: The Southwest quarter of the Southeast quarter of Section 25.

Containing 47.57 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK 3 OF Sec. 24-11-3 ✓  
25-11-3 ✓

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 257

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 9<sup>th</sup> day of May, 1973, by and between

*R.N.C. 4-11-73*

BANK OF UTAH, TRUSTEE FOR ORSON A. CHRISTENSEN and RAE N. CHRISTENSEN TRUSTS

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

The North half of the South half of the Southwest quarter of Section 25.  
Containing 38.81 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 258

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of May, 1973, by and between ZINA R. HANSEN, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Parcel 1: Beginning at a point 2 rods North of the Southwest corner of the Southeast quarter of Section 35; thence running East 231 feet to canal right of way; thence Northeast along canal to North line of the Southeast quarter of the Southeast quarter; thence West 591 feet; thence South 1333 feet to beginning

Parcel 2: Beginning at the Southwest corner of the Southeast quarter of Section 35; thence running North 41 rods; thence East 80 rods; thence South 41 rods; thence West 80 rods to beginning, less roads.

Containing 31.96 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 259

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between ERNEST HUGGINS and ANDREA HUGGINS, also known as Andrea H. Huggins, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 1278 feet West and 33 feet South of the Northeast corner of Section 14, Township 10 North, Range 3 West, SLM, and running thence South 744 feet; thence West 1344 feet to the East bank of Malad River; thence following the meanderings of said river in a Northeasterly direction to a point 873 feet West of the point of beginning; thence East parallel with the North line of said Section 14 to the point of beginning, containing 16.55 acres more or less.

Parcel 2: The West half of the Northwest quarter of Section 14, Township 10 North, Range 3 West, SLM, lying East of the Malad Valley Railroad and County Road as now located.

Parcel 3: Beginning at a point 826 feet South and 33 feet West of the Northeast corner of Section 14, Township 10 North, Range 3 West, SLM, and running thence South parallel with the East line of said Section 14, 1472 feet; thence West parallel with the North line of said section 1712 feet to the East bank of the Malad River; thence following the meanderings of the said river in a Northwesterly and Northeasterly direction to a point 2622 feet West of the point of beginning; thence East 2622 feet to the point of beginning, containing 84.41 acres more or less.

EXCEPTING THEREFROM that portion thereof described as follows: Beginning at a point 826 feet South and 33 feet West of the Northeast corner of said Section 14; thence South 885.4 feet; thence West 246 feet; thence North 885.4 feet; thence East 246 feet to the point of beginning, containing 5 acres more or less.

Parcel 4: Commencing at a point 1278 feet West and 777 feet South of the Northeast corner of Section 14, Township 10 North, Range 3 West, SLM; running thence West 1344 feet to the East bank of the Malad River; thence Southerly along said East bank approximately 49 feet; thence East 1344 feet; thence North 49 feet to the point of beginning.

Parcel 5: Beginning at a point 826 feet South and 33 feet West of the Northeast corner of Section 14, Township 10 North, Range 3 West, SLM; thence West 1278 feet; thence North 49 feet; thence Southeasterly 1278 feet more or less to the point of beginning.

Parcel 6: The North half of the Northeast quarter of the Northeast quarter of Section 14, Township 10 North, Range 3 West, SLM, reserving for roads, etc., strips 2 rods wide on and along the North and East sides, containing 19.56 acres more or less.

Parcel 7: Beginning at a point 713 feet South and 33 feet West of the Northeast corner of Section 14, Township 10 North, Range 3 West, SLM, and running thence South parallel with the East line of said Section 14, 113 feet; thence Northwest 1278 feet; thence North 64 feet; thence East parallel with the North line of said Section 14, 1278 feet to the point of beginning, containing 2.50 acres more or less.



Parcel 8: The South half of the Northeast quarter of the Southeast quarter of Section 11, Township 10 North, Range 3 West, SLM. ALSO, all that part of the South half of the Northwest quarter of the Southeast quarter of said Section 11 lying East of Spillway Gulch.

Parcel 9: Beginning at a point 2172.5 feet North and 1560.6 feet East of an old post in the field which marks the Southwest corner of Section 11, Township 10 North, Range 3 West, SLM; running thence South 13° 31' East 307.2 feet; thence South 22° 56' West 323.5 feet; thence South 51° 46' West 241.3 feet; thence South 0° 29' East 350 feet; thence North 87° 28' East 1290.9 feet; thence North 0° 04' East 652 feet; thence North 79° 55' West 695 feet; thence North 54° 01' West 451.3 feet to the point of beginning, containing 21.24 acres more or less.

Parcel 10: Beginning at a point 33 feet North of a point 1289.5 feet East of the Southwest corner of Section 11, Township 10 North, Range 3 West, SLM, and running thence North 0° 29' West 987.4 feet; thence East 1290.9 feet; thence North 0° 04' East 652 feet to the West bank of the Malad River; thence in a Southerly direction along the West bank of said river to a point 1375.5 feet East of the point of beginning; thence West to the point of beginning.

Parcel 11: All that portion of the Southeast quarter of the Southeast quarter of Section 10, Township 10 North, Range 3 West, SLM, and all that portion of the Southwest quarter of the Southwest quarter of Section 11, Township 10 North, Range 3 West, SLM, which lie South of Corinne Canal South right of way line (said right of way line is a line parallel to the center line of the canal as now located and 75 feet Southeasterly therefrom). Containing 25.0 acres.

Parcel 12: The Northeast corner of the East half of the Northeast quarter of Section 15, Township 10 North, Range 3 West, SLM, lying East of the Malad Valley Railroad and County Road and South of the Corinne Branch of the Bear River Canal as now located.

ACREAGE: 313.14 acres more or less

E. H.  
C. H. H. N

ABST'D. IN BOOK 5 OF Sec PAGE 10-10-3 ✓  
11-10-3 ✓  
14-10-3 ✓  
15-10-3 ✓

RECORDING REQUESTED

38409H

NOV 26 1973

BOOK 257 PAGE 261

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

## GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 15 day of MAY, 1973, by and between ~~BLAINE N. ANDERSON~~ and ~~DWIGHT R. ANDERSON~~

BLAINE N. ANDERSON and THORA B. ANDERSON, his wife; and DWIGHT R. ANDERSON and GAY NELL K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 33 feet North of the Southeast corner of Section 14, Township 10 North, Range 3 West, SLM; thence North 3° 30' East along East line of said Section 14, 1597 feet to Malad River; thence South 70° 33' West 470 feet; thence North 55° West 625 feet; thence North 5° West 650 feet; thence North 64° West 250 feet; thence South 3° 30' West 2559 feet to a point 33 feet North of the South line of said Section 14; thence East 1301 feet to the true point of beginning, containing 53 acres, more or less.

Containing 53 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABSTD. IN BOOK

5 OF

PAGE

14-10-3

Page 212

RECORDING REQUESTED L.

38409H

NOV 26 1973

BOOK 257 PAGE 262

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between ~~MARIO A. CHECKETS and MELBA C. CHECKETS, his wife (Seller) and BLAINE N. ANDERSON and DWIGHT R. ANDERSON as tenants in common (Buyer)~~  
BLAINE N. ANDERSON and THORA B. ANDERSON, his wife; and DWIGHT R. ANDERSON and GAY NELL K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

- Parcel 1: All that portion of the Northwest quarter of the Southeast quarter and the Southwest quarter of the Northeast quarter of Section 14, Township 10 North, Range 3 West, SLM, lying South and West of the Malad River, containing 48.02 acres, more or less.
  - Parcel 2: The Southwest quarter of the Southeast quarter of Section 14, Township 10 North, Range 3 West, SLM, containing 39.91 acres, more or less.
- Containing 87.93 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDED IN BOOK 5 OF Sec PAGE 14-10-3 ✓

*Page 213*

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 263

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between ~~CHARLES X CHECK X D D S X and~~  
~~GRACE X X CHECK X D D S X his wife xxx (Gabeler) xxx and BLAINE N. ANDERSON and~~  
~~DWIGHT R. X ANDERSON xxx xxx xxx xxx xxx xxx xxx (Buyer) x~~

BLAINE N. ANDERSON and THORA B. ANDERSON, his wife; and DWIGHT R. ANDERSON and GAY NELL K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: The East half of the Northwest quarter of Section 14, Township 10 North, Range 3 West, SLM, lying West of the Malad River; also that portion of the Northwest quarter of the Northeast quarter lying West of the Malad River.

Parcel 2: All that portion of the Southwest quarter of Section 14, Township 10 North, Range 3 West, SLM, lying East of the Malad Valley Railroad right of way and County Road as now located.

Containing 141.22 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 264

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1973, by and between VERNAL ANDERSEN, also known as Vernal C. Andersen, and ELRITA J. ANDERSEN, his wife; ~~OREGON SHORT LINE RAILROAD COMPANY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Lots 3, 4, 5 and 6 in Block 15, said lots lying partly in the East half of the Northwest quarter and partly in the West half of the Northeast quarter of Section 12, Township 10 North, Range 3 West, SLM, and containing 5 acres, as shown on plat of record in the office of the County Recorder of Box Elder County.

Parcel 2: All of Lots 7 and 8 in Block 16, containing 2.50 acres, and also all of that fractional lot lying South of and adjoining Lot 7 in Block 16, containing 0.25 acre; also all of fractional Block 13, containing 5.00 acres; all of the above described tract being situate in the East half of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM, as shown by Plat of record in the office of the County Recorder of Box Elder County.

Parcel 3: Beginning at a point 16.5 feet South of the Northwest corner of Section 12, Township 10 North, Range 3 West, SLM; thence South on section line 327.5 feet; thence North 89° 03' East 1288 feet; thence North 332.5 feet; thence South 88° 50' West on a line parallel to and 16.5 feet South of the North line of Section 12, 1288 feet to point of beginning, containing 9.75 acres, less a strip on the West end sold to the Railroad Company for a right of way for its railroad track.

Parcel 4: An irregular tract of land lying in the Northwest quarter of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM, described as follows: Beginning at a point which is South 33.0 feet and East 16.5 feet from the Northwest corner of said Section 12 and running thence South 16.5 feet Easterly and parallel to the West line of said Section 12 for a distance of 311.0 feet to the South boundary of said grantor's land; thence North 89° 03' East, along the South-erly boundary of said land for a distance of 130.5 feet, to a point 33.0 feet East-erly, measured at right angles from the center line of the abandoned main track of the Oregon Short Line Railroad Company; thence Northerly along a line which is 33.0 feet Easterly from and parallel to said center line of main track to a point in the North line of said grantor's property; thence West along said North line, being 33.0 feet South of and parallel to the North line of said Section 12, 79.5 feet to the point of beginning and containing in all 0.75 of an acre.

ACREAGE: 22.50 acres more or less

*E. J. A.  
VCA*

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 265

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 4<sup>th</sup> day of May, 1973, by and between DOYLE C. ARCHIBALD and ARVA D. ARCHIBALD, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 990 feet North of the Southwest corner of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence East 1320 feet; thence North 330 feet; thence West 1320 feet; thence South 330 feet to beginning, containing 10 acres. EXCEPT right of way to Railroad.

Containing 10 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 266

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of May, 1973, by and between STANLEY D. JENSEN and ROMAINÉ D. JENSEN, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 660 feet North of the Southwest corner of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence East 1320 feet; thence North 330 feet; thence West 1320 feet; thence South 330 feet to beginning. EXCEPT right of way to Railroad.

Containing 10 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 267

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 4<sup>th</sup> day

May, 1973, by and between THEONE H. HANSEN; and [Signature]

~~OREGON SHORT LINE RAILROAD COMPANY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southwest corner of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM; running thence North 87° 52' East along South line of the Northwest quarter of said Section 12, 1320 feet; thence North 330 feet; thence South 87° 52' West parallel with the South line of the Northwest quarter of said Section 12, 1320 feet; thence South 330 feet to the point of beginning.

EXCEPTING THEREFROM that portion conveyed to Oregon Short Line Railroad Company by deed recorded September 18, 1918 in Book 13 of Deeds page 448 and described as follows: A strip of land 66 feet wide, being 33 feet on each side of the center line of main track of railroad, said center line of main tract more particularly described as follows: Beginning at a point on East and West center line of said Section 12 and 995 feet more or less East of the West quarter corner thereof; thence running North 20° 21' West a distance of 352 feet more or less to a point on North line of property.

Parcel 2: Beginning at the Northeast corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence West along North line of the Southwest quarter of said Section 12, 100 feet; thence South 100 feet; thence East parallel with the North line of said Southwest quarter, 100 feet; thence North 100 feet to point of beginning.

Parcel 3: Beginning at a point 330 feet North of the Southwest corner of the Northwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence running East 1320 feet; thence North 330 feet; thence West 1320 feet; thence South 330 feet to the point of beginning.

Parcel 4: Beginning at the Southeast corner of the Southwest quarter of the Southeast quarter of Section 11, Township 10 North, Range 3 West, SLM; thence South 87° 30' West along the South line of said Section 11, 16.62 chains; thence North 6° 30' East 4.78 chains; thence North 30° 45' East 1.69 chains to a point North 6.17 chains and South 87° 30' West 15.22 chains from the point of beginning; thence North 87° 30' East 15.22 chains; thence South 6.17 chains to beginning.

EXCEPTING THEREFROM the South 2 rods and the East rod thereof.

277 ACREAGE: 28.73 acres more or less

EST'D. IN BOOK 5 OF Sec 11-10-3 PAGE 12-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 268

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 4<sup>th</sup> day

of May, 1973, by and between ~~THE RESPECTIVE PARTIES~~

~~WHOSE NAMES ARE SUBSCRIBED HERETO~~

THEONE H HANSEN AND DENA A. HANSEN HIS WIFE

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point in the North line of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM, 640 feet West of the Northeast corner of the Southwest quarter of Section 12; thence South 87° 52' West along North line of said Southwest quarter, 1973.5 feet; thence South 534 feet; thence North 87° 52' East parallel with the North line of said Southwest quarter 1973.5 feet; thence North 534 feet to the point of beginning.

EXCEPTING THEREFROM that portion thereof conveyed to Utah-Idaho Sugar Company by deed recorded July 14, 1918 in Book 13 of Deeds page 222, described as follows: A strip of land 66 feet wide, being 33 feet on each side of the center line of main tract of the railroad, said center line of main track more particularly described as follows: Commencing at a point in the South line of said Section 12 and 638 feet West of the South quarter corner thereof; thence North 20° 21' West 2419 feet to a point in the South line of said grantor's property, which is the point of beginning; thence continuing North 20° 21' West 565.7 feet to a point on the North line of said property and 995 feet more or less East of the West quarter corner of said Section 12.

Parcel 2: Beginning at a point 6.17 chains North of the Southeast corner of the Southwest quarter of the Southeast quarter of Section 11, Township 10 North, Range 3 West, SLM; thence running South 87° 30' West 15.22 chains; thence North 30° 45' East 3.27 chains; thence North 48° 47' East 4.90 chains; thence North 23° 05' East 10 chains; thence North 87° 18' East 5.95 chains; thence South 14.77 chains to the point of beginning, containing 15.30 acres.

ACREAGE: 38.27 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3

11-10-3 ✓

12-10-3 ✓

RECORDING REQUESTED BY

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 269

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19 day of MAY, 1973, by and between LESTER P. ANDERSEN and RUBY ANDERSEN, his wife; ~~OREGON SHORT LINE RAILROAD COMPANY, a corporation~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 534 feet South of the Northwest corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence South along the West line of Section 12, 2256 feet to the Southwest corner of above described tract; thence North 89° East along the South line of Section 12, 1840 feet; thence North-2° 14' East 1055 feet; thence North 89° 21' West 654 feet; thence North 50' East 674 feet; thence South 89° 30' East 760 feet; thence North 575.4 feet; thence South 87° 52' West 1990 feet to the point of beginning, containing 89.12 acres.

Also: Beginning 1704 feet North of the Southeast corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; running thence North 89° 30' West 1400 feet; thence South 0° 50' West 674 feet; thence South 89° 20' East 754 feet; thence North 662 feet; thence South 89° 30' East 650 feet; thence North 17 feet to the point of beginning.

ACREAGE: 101.57 acres more or less

*L.P.A.*  
*R.A.A.*  
*N*

ASSTD. IN BOOK 5 OF Sec 12-10-3 PAGE 12-10-3 ✓

RECORDING REQUESTED

38409H

NOV 26 1973

BOOK 257 PAGE 270

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12<sup>th</sup> day of May, 1973, by and between ZINA R. HANSEN, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Northeast corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence West 640 feet; thence South 330 feet; thence East 640 feet; thence North 330 feet, including the East part of Lots 3 and 4, Block 16.

Less: Beginning at the Northeast corner of the Southwest quarter of said section; thence West 100 feet; thence South 100 feet; thence East 100 feet; thence North 100 feet to point of beginning. Containing 4-5/8 acres.

Containing 4-5/8 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3 ✓  
Page 321 of two pg 218

RELEASED  
# 271 Pg. 205

RECORDING REQUESTED

38409H

NOV 26 1973

BOOK 257 PAGE 271

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# GEOHERMAL LEASE AND AGREEMENT SUBSURFACE

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between DWIGHT R. ANDERSON and GAY NELL K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The North 291 feet of the following described tracts:  
Beginning at a point 404 feet South of the Northeast corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence running South 735 feet; thence North 89° 30' West 640 feet; thence North 742 feet; thence South 88° 51' East 640 feet to the point of beginning.

Also, Lots 1, 2, 3 and 4 of Block 13 Plat "A" Bear River City Survey in Section 12, Township 10 North, Range 3 West, SLM.

Containing 5 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF See PAGE 12-10-3 ✓

Page 222  
13 of two pg 86 ✓

RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 272

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# GEOHERMAL LEASE AND AGREEMENT **SUBSURFACE**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between BLAINE N. ANDERSON and THORA B. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The South 444 feet of the following described tracts:

Beginning at a point 404 feet South of the Northeast corner of the Southwest quarter of Section 12, Township 10 North, Range 3 West, SLM; thence running South 735 feet; thence North 89° 30' West 640 feet; thence North 742 feet; thence South 88° 51' East 640 feet to the point of beginning.

Also, Lots 1, 2, 3 and 4 of Block 13 Plat "A" Bear River City Survey in Section 12, Township 10 North, Range 3 West, SLM.

EXCEPTING THEREFROM a tract in the Southeast corner thereof, on which the home is located, being 153 feet North and South by 170 feet East and West.

ACREAGE: 6.90 acres more or less

*B.N.A.*  
*J.B.A. N*

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3  
*B of town pg 86*

RECORDING REQUESTED

38409H

NOV 26 1973

BOOK 257 PAGE 273

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of MAY, 1973, by and between THE RESPECTIVE PARTIES WHOSE NAMES ARE SUBSCRIBED HERETO

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Northeast corner of the Northwest quarter of the Northeast quarter of Section 12, Township 10 North, Range 3 West, SLM; thence South 88° 50' West 1455 feet, South 2° 8' West 798 feet, South 88° 32' East 1485 feet, North 866 feet to beginning, less street, containing 25.16 acres.

Parcel 2: All of Block 34, Plat A, Bear River Survey situated in Section 12, Township 10 North, Range 3 West, Containing 5 acres.

Containing 30.16 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



*Eva R. Thorsen*

EVA R. THORSEN, aka Eva Thorsen, a widow

~~CLIFFORD THORSEN~~

*Clifford Steven Thorsen*

CLIFFORD STEVEN THORSEN

~~DE LOUIS CARRUTH~~

*Don Leroy Thorsen*

DON LEROY THORSEN

~~EVELYN MC NEIL~~

GEOHERMAL-KINETICS SYSTEMS CORP.

~~BY~~

By

ATTORNEY - IN - FACT

By

*Francis W. Walden*  
LESSOR  
SUBSCRIBING WITNESS

LESSEE

ABST'D. IN BOOK 5 OF Sec PAGE 12-10-3 ✓  
*H of tow pg 295* ✓

*Page 225*

RECORDING REQUESTED

384094

WHEN RECORDED MAIL TO

NOV 26 1973 BOOK 257 PAGE 275

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19 day of MAY, 1973, by and between LESTER P. ANDERSON and RUBY ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

All that portion of the West half of the Southwest quarter of Section 11, Township 10 North, Range 3 West, SLM, lying South and West of Malad River and North and West of the Corrinne Canal right of way as now located, said right of way being 25 feet wide on and along the North side of the center line of said canal, containing 45.05 acres, more or less.

Containing 45.05 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof a well of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a none in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 11-10-3

Page 226

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 276

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between EMERY HUGGINS and HELEN HUGGINS, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 16.5 feet East and 689.5 feet South of the Northwest corner of the Southeast quarter of Section 11, Township 10 North, Range 3 West, SLM; running thence North 86° 22' East 994 feet; thence South 22° 26' West 827 feet; thence North 80° 15' West 291 feet; thence North 17° West 303 feet; thence North 59° 47' West 344 feet, the last four courses being along the Malad River; thence North 176 feet to the point of beginning, containing 9.97 acres more or less.

Parcel 2: Beginning 16.5 feet East and 16.5 feet South of the Northwest corner of the Southeast quarter of Section 11, Township 10 North, Range 3 West, SLM, and running thence North 86° 22' East on a line parallel to and 16.5 feet South of the quarter section line, 890 feet to the slope of hollow; thence South 8° 50' East along said slope 676 feet; thence South 86° 22' West 994 feet; thence North on a line parallel to and 16.5 feet East of the quarter section line 673 feet to the point of beginning and containing 14.52 acres more or less.

Parcel 3: Beginning 16.5 feet East of the Northwest corner of the Southwest quarter of the Northeast quarter of Section 11, Township 10 North, Range 3 West, SLM; thence East 1077.5 feet to the West bank of Spillway Gulch; thence South 18° 34' West 79 feet; thence South 49° 56' West 195 feet; thence South 34° 57' West 204 feet; thence South 4° 25' East 198.5 feet; thence South 27° 35' East 168 feet; thence South 3° 32' East 160 feet; thence South 18° 29' East 260 feet; thence South 11° 50' West 279 feet; thence West 922.5 feet; thence North 1374 feet to beginning, containing 28.91 acres.

ACREAGE: 53.40 acres more or less

*E. H.*  
*H. H.*

ABST'D. IN BOOK 5 OF Sec PAGE 11-10-3

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 277

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between EMERY HUGGINS and HELEN HUGGINS, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

**DESCRIPTION:**

Parcel 1: Beginning at a point 778 feet South and 16.5 feet West of the Northeast corner of the Southeast quarter of the Northwest quarter of Section 11, Township 10 North, Range 3 West, S1M; thence South 598 feet to a point 16.5 feet North of the half section line; thence West 1260 feet more or less to the Bear River Canal right of way; thence in a Northerly direction on and along the East line of said canal right of way to a point due West of the point of beginning; thence East to the point of beginning, containing 17.0 acres more or less.

Parcel 2: All that portion of the Northeast quarter of the Southwest quarter of Section 11, Township 10 North, Range 3 West, S1M, lying North of Malad River and East of the Bear River Canal, containing 15.87 acres more or less.

ACREAGE: 32.87 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 11-10-3 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 278

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between

~~BLAINE N. ANDERSON~~

~~DWIGHT R. ANDERSON~~

BLAINE N. ANDERSON and THORA B. ANDERSON, his wife; and DWIGHT R.

ANDERSON and GAY NELL K. ANDERSON, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, S.L.M.

Section 24: The NW $\frac{1}{4}$ , containing 160 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 24-10-3 ✓

Page 229

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 279

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 1st day of February, 19 73, by and between ~~CLIFFORD JENSEN~~ and ~~XXXXXXXXXXXX~~ and JOHN M. HARDY and ALVA W. HARDY, his wife (Buyer)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 730 feet South and North 89° 30' West 2843.5 feet from the Northeast corner of the Southeast quarter of Section 18, Township 10 North, Range 2 West, SLM; running thence South 26° 15' East 640 feet; thence South 33° 05' East 223 feet; thence South 43° 20' East 399 feet; thence West 1400 feet; thence North 44° 38' West 153.7 feet; thence North 23° 41' West 374.4 feet; thence North 20° 07' East 638 feet; thence South 89° 52' East 761.8 feet to point of beginning. Containing 27.8 acres more or less.

ALSO, beginning at the Northeast corner of the Southeast quarter of Section 18, Township 10 North, Range 2 West, SLM; running thence South 730 feet; thence North 89° 52' West 3608.2 feet to Bear River; thence following course of river North 36° 06' East 921 feet; thence South 89° 35' East 3066 feet to beginning.

LESS: Beginning at a point on West side of County Road, being 27 feet more or less West from the Northeast corner of the Southeast quarter of said section; thence South along road 198 feet; thence West 330 feet; thence North 198 feet; thence East 330 feet to point of beginning.

ACREAGE: 83.09 acres more or less

ABST'D. IN BOOK 5 OF Dev PAGE 18-10-2

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 280

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 11<sup>th</sup> day of May, 1973, by and between DELWIN HANSEN and HELEN HANSEN, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 11: Beginning at a point 33 feet South and 33 feet West from the Northeast corner of said section; thence South 655 feet; thence West 1285 feet to the East bank of Spillway Gulch; thence North 29° 8' East 230 feet; thence North 4° 37' West 225 feet; thence North 14° 53' West 240 feet to public highway; thence East 1254 feet to point of beginning.

Containing 18.21 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

NOV 26 1973

BOOK 257 PAGE 281

WHEN RECORDED MAIL TO

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between

~~ARL W. MCCOY, ALSO KNOWN AS Verda McCoy (Vendee)~~

EMERY HUGGINS and HELEN F. HUGGINS, his wife, (Vendee)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning 33 feet South of the Northeast corner of the Northwest quarter of the Northeast quarter of Section 11, Township 10 North, Range 3 West, S1M; thence South 12° 20' East 286 feet; thence South 0° 08' West 183 feet; thence South 32° 43' West 247 feet; thence West 1229 feet; thence North 637 feet; thence East 1301.5 feet to the point of beginning, containing 19.42 acres more or less.

EXCEPTING THEREFROM that portion described as follows: Beginning at a point 33 feet South of the Northeast corner of the Northwest quarter of the Northeast quarter of said Section 11; thence South 12° 20' East 286 feet; thence South 0° 08' West 183 feet; thence South 32° 43' West 247 feet; thence West 95.0 feet; thence North 670 feet more or less to a point 33 feet South of the North boundary of said section; thence East 167.8 feet to the point of beginning, containing 3.00 acres.

ACREAGE: 16.42 acres more or less

*E.H.  
H.F. N*

ABSTD. IN BOOK 5 OF Sec PAGE 11-10-3 ✓

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 282

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 2 day of MAY, 1973, by and between

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

HONEYVILLE GRAIN INC.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

TOWNSHIP 11 NORTH, RANGE 3 WEST, SLM

Section 36: The South 10.66 acres of Lot 20.

EXCEPT that portion thereof conveyed to Box Elder County by deed recorded May 27, 1970 in Book 226 page 348, Records of Box Elder County.

Containing 10.16 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

3840924.

BOOK 257 PAGE 283

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of MAY, 1973, by and between

~~LOWELL XXX SHERRATT SR XXXXXXXXXXXXXXXXXXXXXXXXXX~~

HONEYVILLE GRAIN INC.

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lot 9 of Section 31, Township 11 North, Range 2 West, SLM.

Containing 17.00 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

BOOK 257 PAGE 284

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of May, 1973, by and between ~~LOWELL H. SHERBATT, SR.~~  
~~XXXXXXXXXXXXXXXXXXXX~~  
HONEYVILLE GRAIN INC.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Lots 2, 3 and 4 of Section 6, Township 10 North, Range 2 West, SLM.  
ALSO: Beginning at the Northeast corner of Section 1, Township 10 North, Range 3 West, SLM; thence running South 632 feet; thence North 86° 30' West 125.8 feet; thence North 65° 5' West 1047 feet; thence South 71° 4' West 287.5 feet; thence North 6° 52' East 208.2 feet; thence North 86° 56' East 1324 feet to beginning.  
EXCEPT a strip of land conveyed to Box Elder County for Road. Containing 9.00 acres more or less.  
ALSO, EXCEPT FROM said Section 6 and said Section 1, that portion thereof conveyed to Box Elder County by deed recorded in Book 226 page 348, Records of said County.

Containing 71.111 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Sec PAGE 6-10-2  
1-10-3

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 285

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between EMERY HUGGINS and HELEN HUGGINS, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 11: Beginning at a point 33 feet South of the Northeast corner of the NW $\frac{1}{4}$  of the NE $\frac{1}{4}$  of said section; thence South 12° 20' East 286 feet; thence South 0° 08' West 183 feet; thence South 32° 43' West 247 feet; thence West 95.0 feet; thence North 670 feet more or less to a point 33 feet South of the North boundary of said section; thence East 167.8 feet to the point of beginning.

Containing 3.00 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

#### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines; booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

#### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

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WHEN RECORDED MAIL TO

38409H

NOV 26 1973

BOOK 257 PAGE 286

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 19<sup>th</sup> day of May, 1973, by and between

~~LEONE S. HANSEN, a widow~~ (Vendor)

EMERY HUGGINS and HELEN F. HUGGINS, his wife (Vendee)

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 10 North, Range 3 West, SLM.

Section 11: Beginning 16.5 feet East from the Southwest corner of the Northwest quarter of the Northeast quarter of said section; running thence East 1077.5 feet to the West bank of Spillway Gulch; thence North 17° 40' East 145 feet; thence North 29° 11' East 133 feet; thence North 0° 22' East 434 feet; thence West 1193 feet; thence South 658 feet more or less to the point of beginning.

Containing 18.44 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 287

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10 day of MAY, 1973, by and between

HERBERT ORME, aka Herbert E. Orme, aka BERMA C. ORME, aka Berma Orme, aka Berma A. Orme, aka Burma C. Orma, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 55 1/3 rods South of the Northwest corner of Section 3, Township 10 North, Range 2 West, SLM; thence running South 53 1/3 rods; thence East 80 rods; thence North 53 1/3 rods; thence West 80 rods to beginning, containing 26.67 acres.

Parcel 2: All that part of the following described tracts of land lying South of the U. I. Spur, to-wit:

Beginning at the Northwest corner of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence running East 11 links; thence South 11 1/2° East 13.10 chains; thence North 88° 5' West 2.07 chains more or less to the West line of said Section 4; thence North 12.77 chains to point of beginning. ALSO Lot 1, Block 5, Honeyville Townsite Survey in Section 5, Township 10 North, Range 2 West, SLM.

Parcel 3: Beginning at a point 3482.8 feet South from the Northwest corner of Section 4, Township 10 North, Range 2 West, SLM; thence running South 88° 50' East 897.7 feet to railroad right of way; thence South 19° 53' East 488 feet along said right of way to a point 477.2 feet South and 1063.3 feet East of the point of beginning; thence West 1063.3 feet; thence North 477.2 feet to the point of beginning, containing 10.53 acres more or less.

Parcel 4: Beginning at a point 3482.8 feet South and South 88° 50' East 877.7 feet from the Northwest corner of said Section 4; thence East 20.2 feet; thence North 19° 53' West along railroad right of way to Sugar Factory Spur; thence West 20.2 feet; thence South 19° 53' East to point of beginning, containing 0.11 acre more or less.

Parcel 5: Remainder of original tract, beginning at the Northwest corner of the Southwest quarter of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence South about 980 feet; thence in a Northeasterly direction about 1180 feet; thence West to the point of beginning, containing 6.83 acres.

Parcel 6: Beginning at a point 837.2 feet West and 661.8 feet North of the Southeast corner of the Northeast quarter of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM, and running thence North 23° 30' West 259.4 feet; thence South 87° 44' West 875.6 feet more or less to O.S.L.R.R. right of way; thence South 19° 15' East 252 feet along said right of way; thence North 87° 44' East 896 feet to the point of beginning.

Parcel 7: Beginning at a point 462 feet South of the Northeast corner of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence South 129 feet; thence South 73° West 346 feet; thence North 178 feet; thence in a Northeasterly direction 301 feet more or less to the point of beginning.



Parcel 8: From the Southwest corner of Section 4, Township 10 North, Range 2 West, SLM, run North 69° 56' East 453.8 feet; thence North 19° 51' West 460.4 feet; thence North 72° 07' East 1997.2 feet to the true point of beginning; thence North 24° 13' West 249.7 feet; thence North 73° 32' East 594.5 feet; thence South 0° 17' East 291.2 feet; thence South 26° 14' East 108.9 feet; thence South 66° 25' West 476.5 feet; thence North 24° 13' West 200 feet more or less to the point of beginning, containing 5 acres more or less.

Parcel 9: Beginning at a point 8.60 chains South of the Southwest corner of Section 4, Township 10 North, Range 2 West, SLM and North 56° 12' East 11.20 chains and North 30° 54' West 5.49 chains and North 66° 57' East 2085 feet to the East right of way line of the State Highway and North 24° 08' West 7 feet along said right of way line to the point of beginning; thence North 68° 00' East 214 feet; thence South 24° 08' East 31 feet; thence North 63° 05' East 104 feet; thence South 24° 08' East 13 feet; thence North 76° 30' East 96 feet more or less to East line of Grantor's property; thence North 26° 17' West 129 feet along East line of Grantor's property; thence South 66° 27' West 414.5 feet along North line of Grantor's property to the State Road right of way line; thence South 24° 08' East 71 feet along said right of way line to the point of beginning, containing 0.87 acre.

Parcel 10: The Southwest quarter of the Northeast quarter of Section 8, Township 10 North, Range 2 West, SLM, containing 40 acres more or less.

EXCEPTING THEREFROM that portion awarded to the State Road Commission of Utah in Final Order of Condemnation.

Parcel 11: The East half of the South half of the Northeast quarter of Section 8, Township 10 North, Range 2 West, SLM, containing 40 acres more or less.

LESS part taken by Interstate Highway #15-8.

Parcel 12: Beginning at a point 20.35 chains South of the Northeast corner of Section 8, Township 10 North, Range 2 West, SLM; running thence West 20 chains; thence North 6 chains; thence East 20 chains; thence South 6 chains to place of beginning, containing 12 acres.

Parcel 13: Beginning at a point 3482.8 feet South of the Northeast corner of Section 5, Township 10 North, Range 2 West, SLM; thence running North 88° 50' West 932.2 feet to Salt Creek; thence following along Salt Creek to a point 477.2 feet South and 920 feet West of the point of beginning; thence running East 920 feet; thence North 477.2 feet, containing 10.40 acres more or less. Situate in Lot 1, Block 8, in Honeyville Townsite Survey.

Parcel 14: Beginning 3960 feet South of the Northeast corner of Section 5, Township 10 North, Range 2 West, SLM; thence West 920 feet to Salt Creek; thence along Salt Creek to the South section line; thence East 317 feet to Creek; thence North along Creek to a point 852 feet South of point of beginning; thence North 852 feet to beginning.

ACREAGE: 177.65 acres more or less

*H.O.  
B.O. N*

ABST'D. IN BOOK 5 OF Sec PAGE 3-10-2 ✓

4-10-2 ✓

5-10-2 ✓

8-10-2 ✓

*H of Tow pg. 98 ✓*

*J of Tow. pg. 424 ✓*

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 289

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 6<sup>th</sup> day of February, 1973, by and between DE VERE W. WINTLE and KATHLEEN WINTLE, his wife; and SARAH R. BUNOT, a widow deceased

DWV K.W.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 106-2/3 rods East of the Northwest corner of Section 5, Township 10 North, Range 2 West, SLM; running thence East 62 1/2 rods more or less to center line of said Section 5; thence South 1954 feet more or less to County Road; thence West along said road 45-4/7 rods; thence North 56 rods; thence West 9-16/21 rods; thence North 60 rods to the place of beginning, containing 36.29 acres more or less.

Parcel 2: Also, beginning 60 rods South and 45 rods East of the Northwest corner of said Section 5; running thence South 56 rods; thence East 71-3/7 rods; thence North 56 rods; thence West 71-3/7 rods to place of beginning, containing 25 acres more or less.

EXCEPTING THEREFROM that certain 9.09 acre parcel of land conveyed to the State Road Commission of Utah by deed recorded September 21, 1959 in Book 129 page 554 of Records of Box Elder County.

Parcel 3: Beginning at the Northwest corner of Section 5, Township 10 North, Range 2 West, SLM; thence South 60 rods; thence East 106-2/3 rods; thence North 60 rods; thence West 106-2/3 rods to beginning.

EXCEPTING THEREFROM that certain 6.01 acre parcel of land taken by the State Road Commission of Utah in Final Order of Condemnation recorded November 28, 1960 in Book 142 page 30 of Records of Box Elder County.

ALSO EXCEPTING THEREFROM the following: Beginning at a point 990 feet South and 25 feet East from the Northwest corner of said Section 5, being on the East right of way line of the County Road; thence North 387 feet to intersection of right of way of County Road with the West right of way of Interstate 15; thence Southeasterly along Interstate 15 right of way on a curve 429 feet more or less to a point 182 feet East of the point of beginning; thence West 182 feet to the point of beginning, containing .85 acre more or less.

Parcel 4: Beginning at a point 60 rods South and 45 rods East of the Northwest corner of Section 5, Township 10 North, Range 2 West, SLM; and running thence South 170 feet more or less to the East right of way line of frontage road to Freeway I-15, and running thence Northwesterly along frontage road 226 feet more or less to the North line of Grantor's property; thence East 150 feet more or less to the point of beginning.

ACREAGE: 85.82 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 5-10-2

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

384097

BOOK 257 PAGE 290

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 11 day of MAY, 1973, by and between ~~RUSSELL HUNSAKER~~ VENNA PETERSEN HUNSAKER, a widow

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 355.1 feet North of the Southwest corner of Block 9, Honeyville Survey; thence North 217.8 feet; thence South 89° 55' East 1613.2 feet; thence South 0° 05' East 220.6 feet; thence North 89° 55' West 1648 feet to beginning. Being part of Block 9, Honeyville Survey.

ALSO: Beginning at a point 163.7 feet North of the Southwest corner of Block 9, Honeyville Survey; thence North 191.4 feet; thence South 89° 55' East 1648 feet; thence South 9° 05' East 51.5 feet; thence South 56° East 235.6 feet; thence South 89° 48' West 1851.3 feet to beginning. Being part of Block 9, Honeyville Survey.

EXCEPTING THEREFROM that certain 2.23 acre parcel conveyed to State Road Commission of Utah by deed recorded in Book 140 page 209, Records of Box Elder County. Containing 13.43 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

#### A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

#### B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDED IN BOOK H OF pg PAGE 3 ✓

Page 241

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 291

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1972, by and between ROBERT W. ORME, also known as Robert Wight Orme, also known as Robert Orme, and GRACE W. ORME, also known as Grace White Orme, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 333 feet South of the Northeast corner of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence South 58 feet; thence West 13.427 chains; thence North 23° 53' West 71 feet; thence East 14.359 chains to the point of beginning, containing 1.19 acres more or less.

Parcel 2: Beginning at a point 5.946 chains South of the Northeast corner of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence South 2.258 chains; thence West 12.428 chains; thence North 23° 53' West 2.47 chains; thence East 13.427 chains to beginning, containing 2.92 acres more or less.

Parcel 3: Beginning at a point 8.204 chains South of the Northeast corner of the Southwest quarter of Section 4, Township 10 North, Range 2 West, SLM; thence South 0.756 chain; thence South 73° West 11.13 chains; thence North 23° 53' West 4.46 chains; thence East 12.428 chains to the point of beginning, containing 2.92 acres more or less.

EXCEPT FROM Parcels 2 and 3 that portion thereof described as follows: Beginning at a point 462 feet South of the Northeast corner of the Southwest quarter of said Section 4; thence South 129 feet; thence South 73° West 346 feet; thence North 178 feet; thence in a Northeasterly direction 381 feet more or less to the point of beginning.

Parcel 4: Beginning North 69° 56' East 453.8 feet from the corner common to Sections 4, 5, 8 and 9, Township 10 North, Range 2 West, SLM; thence North 19° 51' West 460.4 feet; thence North 72° 07' East 1997.2 feet to West boundary of County Road; thence North 24° 13' West 248.7 feet along said boundary; thence North 73° 32' East 594.5 feet; thence South 0° 17' East 291.2 feet; thence South 26° 14' East 108.9 feet; thence South 66° 25' West 476.5 feet; thence South 24° 13' East 77.3 feet; thence South 66° 56' West to point of beginning, containing 21.78 acres.

LESS portion East of County Road deeded to Herbert Orme.

Parcel 5: Beginning at a point 14 chains South of the Northeast corner of Section 8, Township 10 North, Range 2 West, SLM; thence run North 10.25 chains more or less to the South line of the Nancy Orme property; thence South 64° 30' West 5 chains to a slough; thence in a Southeasterly direction along said slough 500 feet more or less to a point 125 feet West of the point of beginning; thence East 125 feet to the point of beginning.

ACREAGE: 23.53 acres more or less

ABST'D. IN BOOK 5 OF Sec PAGE 4-10-2  
8-10-2

R.W.O.

Page 202

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 292

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 10 day of MAY, 1973, by and between HERBERT ORME, also known as Herbert E. Orme, and BERMA C. ORME, also known as Berma Orme, Berma A. Orme, Burma C. Orme, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 25 chains North of the quarter section corner common to Sections 8 and 9, Township 10 North, Range 2 West, SLM; thence running North 55° East 15.50 chains; thence North 48° 15' West 1.85 chains; thence South 55° West 13.90 chains; thence South on section line 2.20 chains to the point of beginning, containing 1.60 acres.

Parcel 2: Beginning at a point 15.35 chains South of the Northwest corner of Section 9, Township 10 North, Range 2 West, SLM; thence running North 55° 09' East 15.50 chains; thence South 55° East 5.22 chains; thence South 55° 09' West 21.06 chains; thence North 5.04 chains to beginning, containing 9.05 acres.

Containing 10.65 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

ABST'D. IN BOOK 5 OF Ser PAGE 4-10-2

Page 243

9-10-2

RECORDING REQUESTED BY

38409H

BOOK 257 PAGE 293

WHEN RECORDED MAIL TO

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1973, by and between ROBERT WIGHT ORME, also known as Robert W. Orme, also known as Robert Orme, and GRACE WHITE ORME, also known as Grace W. Orme, also known as Evelyn Grace Orme, husband and wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85018, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning 248.2 feet South of the Northwest corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 317.6 feet; thence North 56° 15' East 742.0 feet; thence North 31° 21' West 257.6 feet; thence South 56° 55' West 576.4 feet to beginning, containing 3.952 acres.

Parcel 2: Beginning 1410.3 feet South of the Northwest corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 315.5 feet; thence North 54° 50' East 1686.7 feet; thence North 49° 10' West 264.5 feet; thence South 54° 53' West 1441.0 feet to beginning, containing 9.238 acres.

Parcel 3: Beginning at a point North 18° 44' West 1983.6 feet from the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 52° 56' West 1199.2 feet; thence North 32° 44' West 209.6 feet; thence North 52° 56' East 1199.2 feet; thence South 32° 44' East 290.6 feet to point of beginning, containing 8.0 acres.

Parcel 4: Beginning at a point 567.6 feet South of the Northwest corner of Section 9, Township 10 North, Range 2 West, SLM; thence North 56° 12' East 739.2 feet; thence South 40° 45' East 232.3 feet; thence South 55° 03' West 934.6 feet; thence North 300 feet to beginning, containing 4.55 acres more or less.

Parcel 5: Beginning at the Southwest corner of the Southeast quarter of the Southwest quarter of Section 9, Township 10 North, Range 2 West, SLM; thence North 341.8 feet; thence North 50° 30' East 18.60 feet; thence South 31° 55' East 217.0 feet; thence North 50° 00' East 125.0 feet to railroad fence; thence South 23° 00' East 448.4 feet; thence South 56° 37' West 1256.7 feet; thence South 36° 10' East 392.5 feet; thence West 1003.5 feet to beginning, containing 22.3 acres more or less.

Parcel 6: Beginning 2166.3 feet North and 1315.4 feet West from the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM; thence South 49° 30' West 1004.0 feet; thence South 8° 10' East 436.0 feet; thence West 16.9 feet; thence North 8° 10' West 451.3 feet; thence North 49° 30' East 1441.7 feet to West side of highway; thence South 32° 30' East 16.5 feet; thence South 49° 30' West 422 feet to beginning, containing 0.7 acre more or less.

Parcel 7: Beginning at a point 2166.3 feet North and 1315.4 feet West of the Southeast corner of Section 9, Township 10 North, Range 2 West, SLM (said point being approximately 448 feet South of the Northwest corner of the Northeast quarter of the Southeast quarter of said section, and on the South line of a 16.5 foot wide farm access road), and running thence South  $49^{\circ} 30'$  West 1004.0 feet; thence South  $8^{\circ} 10'$  East 436.0 feet; thence West 16.9 feet to the right of way line of the old U.I.C.R.R.; thence South  $24^{\circ} 00'$  East 205 feet more or less along said right of way line to E. R. Wheatley's property line; thence North  $52^{\circ} 50'$  East along said line 450 feet more or less to Robert Orme's property line; thence North  $32^{\circ} 44'$  West 290.6 feet along said property line; thence North  $52^{\circ} 50'$  East 1199.2 feet to the right of way line of the State Highway; thence North  $32^{\circ} 00'$  West 382 feet more or less to the intersection of the highway right of way line with the South line of the 16.5 foot access road; thence South  $49^{\circ} 30'$  West along said access and right of way line 450 feet more or less to beginning, containing 13.90 acres.

ACREAGE: 62.64 acres more or less

RWO  
GSO

*PO*

ABST'D. IN BOOK 5 OF Sec PAGE 9-10-2 ✓

Page 205



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 295

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 7<sup>th</sup> day of May, 1973, by and between MICH FUKUI, BEB OKADA and SHOJI WATANABE, as Trustees for the Japanese Church of Honeyville

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point on the South right of way line of the County Road, said point being 789.5 feet North and 2370.7 feet West of the Southeast corner of the Northeast quarter of Section 6, Township 10 North, Range 2 West, SLM, and running thence North 88° 31' West along road 20 feet; thence South 3° 30' East 330.7 feet; thence South 60 feet; thence South 88° 41' East 461.5 feet; thence North 310 feet; thence North 88° 31' West 461.5 feet; thence North 80 feet to point of beginning, containing 3.35 acres more or less.

Beginning at a point on the South boundary of the County Highway which is 777.3 feet North of a point which is 1898.9 feet West of the Southeast corner of the Northeast quarter of Section 6, Township 10 North, Range 2 West, SLM; running thence South 80 feet; thence North 88° 31' West 461.5 feet; thence North 80 feet to County Highway; thence South 88° 31' East 461.5 feet along highway to beginning; containing .85 acre more or less.

ACREAGE: 4.20 acres more or less

ABSTD. IN BOOK 5 OF Sec PAGE 6-10-2

RECORDING REQUESTED

WHEN RECORDED MAIL TO

38409H

BOOK 257 PAGE 296

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 5 day of MAY, 1973, by and between ELLIS ARBON and FERN H. ARBON, his wife (contract sellers) and VANYLE H. ARBON and ELAINE S. ARBON, his wife (contract buyers)

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at a point 33 feet West of the Southeast corner of the Northeast quarter of Section 6, Township 10 North, Range 2 West, SLM; thence South 89° 14' West 1266 feet; thence North 778.7 feet; thence South 88° 31' East 1268 feet; thence South 729 feet to the point of beginning, containing 21.93 acres more or less.

Parcel 2: The North half of the Northeast quarter of the Southeast quarter of Section 6, Township 10 North, Range 2 West, SLM, containing 19.85 acres, more or less.

Containing 41.78 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 297

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of May, 1973, by and between THE RESPECTIVE PARTIES WHOSE NAMES ARE SUBSCRIBED HERETO

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 1296 feet North and 25 feet East from the Southwest corner of Section 6, Township 10 North, Range 2 West, SLM; thence North 1120 feet; thence South 57° 43' East 407 feet; thence South 54° 51' East 426 feet; thence South 76° 08' East 428 feet; thence South 50° 55' East 500 feet; thence East 700 feet more or less to Bear River; thence Southeast along Bear River to a point 2409.8 feet East of the point of beginning; thence West 2409.8 feet to beginning, containing 33.96 acres.

Containing 33.96 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

EVA THORSEN, aka Eva R. Thorsen, a widow

~~EDNA T. ATCHLEY~~

CLIFFORD STEVEN THORSEN

~~DE LORIS CARRUTH~~

DON LEROY THORSEN

~~EVELYN MC NEIL~~

GEOTHERMAL KINETICS SYSTEMS CORP.

By \_\_\_\_\_

~~ALBERT S. THORSON, and~~

By \_\_\_\_\_

~~ROMA H. THORSON, his wife~~

LESSOR

LESSEE

ABST'D. IN BOOK 5 OF Sec PAGE 6-10-2 ✓

RECORDING REQUESTED BY

384091

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 299

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 16<sup>th</sup> day of May, 1973, by and between EARL P. FRANCIS and IRENE N. FRANCIS, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All that part of the following land lying West of the O.S.L.R.R. right of way: Commencing 8 rods West of the Northwest corner of the Southeast quarter of the Southwest quarter of Section 15, Township 10 North, Range 2 West, SLM; thence South 62½° West 61 rods; thence North 38 rods; thence East 72 rods to the beginning.

Parcel 2: All that part of the following tracts lying East of Interstate #15:

(a) Commencing 844.6 feet North from the Southeast corner of Section 16, Township 10 North, Range 2 West, SLM; thence running North 648.4 feet; thence West 3960 feet; thence South 648 feet; thence East 3960 feet to beginning.

(b) Commencing at a point North 0° 56' West 1498 feet from the Southeast corner of said Section 16; thence North 23° 41' West 200.6 feet along the right of way of the O.S.L.R.R. right of way; thence West 3857 feet; thence South 183.8 feet; thence East 3935.5 feet to beginning.

(c) Beginning at a point North 3° 29' West 1675.8 feet from the Southeast corner of said Section 16; thence North 23° 41' West 249.2 feet; thence West 3760.6 feet; thence South 231 feet; thence East 3857 feet to point of beginning.

ACREAGE: 93.71 acres more or less according to Assessor.

*EF*  
*if* *R*

ABSTD. IN BOOK 5 OF Sec PAGE 15-10-2 ✓  
16-10-2 ✓

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 300

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 30th day of January, 1973, by and between BOBBY D. BARKER and FRED A. BARKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: All of the following tract lying North of a line described as follows:

Beginning at a point on the East line of Lot 40, 1581.5 feet South and 330 feet East from the Northeast corner of the Northwest quarter of Section 29, Township 10 North, Range 2 West, SLM; thence West 1025 feet; thence South 85 feet; thence West 235 feet; thence North 40° West 418 feet; thence West 782 feet to West line of Lot 19.

Description of property to be divided as follows: The South 40 feet of Lots 23, 24 and 25, Section 29, Township 10 North, Range 2 West, SLM. Also the North 544.9 feet of Lots 40, 41 and 42, of said Section 29. Also the South 254.8 feet of Lots 19, 20 and 21 of said Section 29. Also the North 210.2 feet of Lots 44, 45 and 46 of said Section 29. Also part of Lots 22 and 43 of said Section 29 described as follows: Beginning at a point 388.7 feet South of the Northwest corner of Lot 22 of said Section 29; thence East 117 feet; thence South 7° 16' West 215 feet; thence East 240 feet; thence South 617.9 feet; thence West 100 feet; thence North 13° 10' West 340 feet; thence West 155 feet; thence North 498 feet to beginning.

Also, beginning at a point 1347 feet South and 1436 feet West from the Northeast corner of the Northwest quarter of Section 29, Township 10 North, Range 2 West, SLM; thence South 13° 40' East 165 feet; thence South 82° 40' East 292 feet; thence South 54° 25' East 210 feet; thence North 40° 00' East 418 feet; thence West 239 feet to beginning.

(Descriptions from Survey by W. H. Griffiths, RLS #186, April 16, 1958, property line correction deeds and quitclaim deeds recorded in Book 116 pages 400, 401 and 402, Records of Box Elder County.)

Parcel 2: The North 602.5 feet of Lots 23, 24 and 25, also part of Lot 22 as follows: Commencing at the Northeast corner of said lot; thence West 330 feet; thence South 388.7 feet; thence East 117 feet; thence South 7° 16' West 215 feet; thence East 240 feet; thence North 602.5 feet to the point of beginning.

Also the North 388.7 feet of Lots 19, 20 and 21; Also the South 111.5 feet of Lots 12, 13 and 14,

all in Tract A of the River Bank Tract Flat in Section 29, Township 10 North, Range 2 West, SLM, containing 28.11 acres mo:

Also, beginning at a point 30.48 chains West and 8.33 chains South of the Northeast corner of the Northwest quarter of Section 29, Township 10 North, Range 2 West, SLM; running thence South 12.10 chains; thence West 14.30 chains to Bear River; thence North along the East bank of Bear River to a point 12.30 chains West of the point of beginning; thence East 12.30 chains to the point of beginning, containing 15.26 acres.

Parcel 3: Lots 72, 73, 74 and 75 in Tract "A" of River Bank Tract in the Southeast quarter of Section 29, Township 10 North, Range 2 West, SLM.

ACREAGE: 77.48 acres more or less according to Assessor

ABST'D. IN BOOK 5 OF Sec PAGE 29-10-2 ✓



RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 302

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of MAY, 1973, by and between CLARA B. BEARD and GEORGE T. BEARD, her husband,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point 3 rods East and 26-2/3 rods South of the Northwest corner of the Southwest quarter of Section 33, Township 10 North, Range 2 West, SLM; running thence East 67 rods; thence South 26-2/3 rods; thence East 90 rods more or less to the center line of said section; thence South 10 rods; thence West 160 rods; thence North 36-2/3 rods to the place of beginning.

Containing 20.96 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 303

SPACE ABOVE THIS LINE FOR RECORDER'S USE

# GEOHERMAL LEASE AND AGREEMENT **SUBSURFACE**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 21 day of MAY, 1973, by and between ROBERT E. LIMB and DONNA K. LIMB, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at the Northwest corner of that property in the West half of the Northwest quarter of Section 23, Township 10 North, Range 2 West, SLM, described in the records of Box Elder County, Utah, as belonging to the Harper L.D.S. Church, said Northwest corner of Harper L.D.S. Church property being North 43° 45' East 475.9 feet and North 25° 51' West 132 feet from the quarter corner common to Sections 22 and 23, said Township and Range, and running thence North 26° 10' West 50 feet along the East right of way line of State Road 30; thence North 78° East 242 feet; thence North 7° West 74 feet; thence South 89° East 798 feet more or less to the East line of the Southwest quarter of the Northwest quarter of said Section 23; thence South 173 feet more or less to the South line of Grantor's property; thence South 84° 52' West 450 feet; thence South 30° 21' East 137.94 feet; thence South 65° 15' West 194 feet more or less to the East line of said L.D.S. Church property; thence along said East property line the following two courses: North 30° 21' West 234.30 feet, Northerly 132 feet more or less to the Northeast corner of said L.D.S. Church property; thence South 78° West 297 feet along the North line of said Church property to the point of beginning. Containing 5 acres more or less.

ACREAGE: 5 acres more or less

*RET  
DKL  
N*

ABSTD. IN BOOK 5 OF Sec PAGE 23-10-2

RECORDING REQUESTED BY

38409H

NOV 26 1973

WHEN RECORDED MAIL TO

BOOK 257 PAGE 304

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of MAY, 1973, by and between

THE RESPECTIVE PARTIES WHOSE NAMES ARE SUBSCRIBED HERETO,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Parcel 1: Beginning at the Southeast corner of Section 1, Township 10 North, Range 3 West, SLM; thence South 88° 18' West 930 feet; thence North 0° 40' West 809 feet; thence North 88° 50' East 468 feet; thence North 0° 10' East 1355 feet; thence North 79° 10' West 539 feet; thence North 2° 40' West 71.5 feet; thence North 79° 11' West 677 feet; thence North 388 feet; thence South 70° 00' East 787 feet; thence South 50° 05' East 758 feet; thence South 57° 43' East 127 feet; thence South 2413 feet to the point of beginning, containing 49.3 acres.

Parcel 2: Beginning at a point 795 feet North and 470 feet West from the Southeast corner of Section 1, Township 10 North, Range 3 West, SLM, said point being on the center line of the irrigation ditch on the East side of tract; thence South 88° 50' West 468 feet; thence North 0° 40' West 218 feet; thence North 2° 40' West 1250 feet along old County Road; thence South 79° 10' East 539 feet; thence South 0° 10' West 1355 feet to the beginning, containing 16.2 acres.

ACREAGE: Parcel 1 - 49.3  
Parcel 2 - 16.2  
65.5 acres more or less

*E. J.  
D. L. J.  
C. S. T.*

RECORDED IN BOOK 5 OF See PAGE 1-10-3

*over*

EVA THORSEN, also known as Eva R. Thorsen, a widow

CLIFFORD STEVEN THORSEN

DON LEROY THORSEN

~~EDNA T. ACHLEY, formerly Edna Thorsen~~

~~DELORIS CARRUTH, formerly DeLoris Thorsen~~

~~EVELYN McNEIL, formerly Evelyn Thorsen~~

~~ALBERT S. THORSON and~~

~~ROMA H. THORSON, his wife~~

GEOHERMAL-KINETICS SYSTEMS CORPORATION

By \_\_\_\_\_

By \_\_\_\_\_

LESSOR

LESSEE

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 306

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GEOHERMAL LEASE AND AGREEMENT**

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 12 day of MAY, 1973, by and between ARCHIE W. THURSTON and MARGENE M. THURSTON, his wife,

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Beginning at a point North 1° 47' West 1402 feet from the Southwest corner of the Southeast quarter of Section 1, Township 10 North, Range 3 West, SLM, and 884 feet East of the quarter section line and North 6° 19' 38" West 1485.78 feet to a point in the East line of State Highway; thence North 83° 40' 22" East 446.70 feet; thence North 36° 07' 35" West 898.86 feet to the East line of State Highway; thence South 6° 19' 38" East 780 feet along said East line to the point of beginning. Together with that portion of the Southwest quarter of the Northeast quarter of said Section 1 lying between the above described tract and the Bear River.

Containing 11.46 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 307

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 3 day of MAY, 1973, by and between B. GLEN MARBLE and VERA M. MARBLE, his wife.

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 33: All of the Southwest quarter lying South and East of the Corinne Mill Ditch in Section 33, reserving therefrom a strip of land 2 rods wide from the center line of said Corinne Mill Ditch, and roadways two rods wide as existing on the South and East sides, containing 50 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

**A. Grant of Lease and Rights.**

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

**B. Terms and Conditions**

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

33-11-3 ✓

RECORDING REQUESTED BY

WHEN RECORDED MAIL TO

BOOK 257 PAGE 308

38409 A.

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 24 day of April, 1973, by and between

~~ROSS L. HOLST and EDITH A. HOLST~~

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 9 North, Range 2 West, SLM

Section 4:

Parcel 1: Beginning at a point 118 rods West and 60 rods North of the Southeast corner of the Northwest quarter of Section 4; thence running West 39 rods to the Hammond Canal; thence North 98 rods to section line; thence East 39 rods; thence South 98 rods to the beginning, containing 24 acres.

Parcel 2: Beginning at a point 77 rods West of the Northeast corner of the Northwest quarter of Section 4; thence running South 98 rods; thence West 41 rods; thence North 98 rods; thence East 41 rods to the beginning.

Also beginning at the Northeast corner of the Northwest quarter of said Section 4; thence West 77 rods; thence South 1 rod; thence East 77 rods; thence North 1 rod to the beginning. Containing a total of 49.45 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-



RECORDING REQUESTED BY

38409H

WHEN RECORDED MAIL TO

NOV 26 1973

BOOK 257 PAGE 309

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 17th day of July, 1973, by and between FRANK A. BARKER and RAYOLA G. BARKER, his wife

hereinafter called the "Lessor" and GEOHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

The West half of the Northeast quarter of Section 32, Township 10 North, Range 2 West, SLM

EXCEPT that portion described as follows: Beginning at a point located 1320 feet West from the Northeast corner of said Section 32; thence West 300 feet; thence South 222.8 feet to the center line of an existing irrigation ditch; thence North-easterly along said center line to a point South 172.7 feet from the point of beginning; thence North 172.7 feet to the point of beginning. Containing 1.4 acres.

Containing 78.6 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives; and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-

RECORDING REQUESTED

38409H

WHEN RECORDED MAIL TO

BOOK 257 PAGE 310

NOV 26 1973

SPACE ABOVE THIS LINE FOR RECORDER'S USE

### GEOHERMAL LEASE AND AGREEMENT

THIS GEOHERMAL LEASE AND AGREEMENT (hereinafter the "Lease") is made and entered into as of the 18 day of MAY, 1973, by and between

~~BELVA J. PETERSEN, a widow; MARY P. REEDER; SHIRLEY P. WRIGHT; STEVEN MOWER;~~  
~~FIRST SECURITY BANK OF UTAH, N. A., Guardian of DAVID MOWER, a minor;~~  
~~FIRST SECURITY BANK OF UTAH, N. A., Trustee for David G. Petersen, deceased, to be held in trust for the benefit of SUSANNE PETERSEN, daughter of decedent,~~

hereinafter called the "Lessor" and GEOTHERMAL - KINETICS SYSTEMS CORPORATION, a Nevada Corporation, having its principal office at 301 W. Indian School Road, Phoenix, Arizona 85013, hereinafter called the "Lessee".

WHEREAS, Lessor is the owner of the following lands (which are hereinafter collectively referred to as "Lands") situate in Box Elder County, State of Utah, known and described as follows:

Township 11 North, Range 3 West, SLM

Section 34: All of the South half, lying West of the Malad River.

Containing 135.64 acres, more or less.

WHEREAS, both of the parties hereto are desirous of having the Lands developed for the production of geothermal resources.

NOW, THEREFORE, witnesseth that:

A. Grant of Lease and Rights.

FOR AND IN CONSIDERATION of the sum of Ten Dollars (\$10.00) paid to the Lessor by the Lessee and other good and valuable considerations, receipt of which is hereby acknowledged by the parties, and in consideration of the covenants and agreements by the Lessee hereinafter contained to be kept and performed by it, Lessor has GRANTED, LEASED, LET AND DEMISED and by these presents does grant, lease, let and demise to Lessee, its successors and assigns upon and subject to the terms hereinafter set forth, the Lands as above described with the sole and exclusive right to the Lessee:

(a) To explore, drill for, produce, extract, take, treat, refine, convert or otherwise process, store upon, and remove from the Lands, and to appropriate and/or sell for its sole account and risk, all minerals, chemical elements and compounds, whether in solid, liquid, or gaseous form, all steam and other forms of thermal energy, and all gases other than those specifically excepted below, emanating from the lands (all of the said minerals, etc., produced from the Lands being hereinafter collectively referred to as "Substances"); and

(b) to do upon any portions of the Lands all things necessary or appropriate in its sole bonafide judgment to exercise fully and efficiently all of the rights granted by the foregoing item (a) under this section (hereinafter referred to collectively as the "Objectives"), including but not limited to the storing and use of materials, the installation, construction, maintenance, operation, (and repair, removal, and replacement, as the case may be, where the same have been placed on the Lands by the Lessee) of all buildings, power and other plants, refineries and other treatment and processing facilities, structures, machinery, tools, equipment, fixtures, tanks, pipe lines, booster plants, pumping stations, roads, trackage and other means of transportation for both materials and personnel, communication, power and water systems, and other like and unlike facilities including sump and other ponds, of whatever nature deemed appropriate by the Lessee to the accomplishment of the Objectives. The foregoing specific enumeration shall in no way be regarded as a limitation upon or as a reduction of the general rights included within the Objectives.

TOGETHER WITH A RIGHT OF WAY ENTRY into and upon, transit through and across, and egress from the Lands for all men and material engaged in accomplishment of the Objectives, and any like activities by or for the Lessee on property in the vicinity of the Lands, and for all products of a like nature as Substances produced by or for Lessee from lands in the vicinity of the Lands.

B. Terms and Conditions

1. Lease Term and Rentals. (a) This Lease shall be for a term of ten (10) years from and after the date hereof (hereafter referred to as the "Primary Term") and for so long thereafter as (i) any of the Substances shall be produced in commercial quantities from any of the Lands or (ii) for so long as this Lease may be kept in force under any other provision hereof.

(b) If at the expiration of the primary term hereof none of the Substances are being produced, but on or before that date reworking operations or operations for the drilling of a well in search of any of the Substances are commenced on said Lands, this Lease will continue in force for so long as such operations are continuously prosecuted; and, such operations shall be considered to be continuously prosecuted if not more than three (3) months shall elapse between completion or abandonment of one well and beginning of operations for the drilling or reworking of another well. If, as a result of such operations, any of the Substances are produced in commercial quantities or production is restored, this Lease will remain in force for so long as any of the Substances shall be so produced. If said Substances or any of them are being so produced from any part of said Lands at or after expiration of the primary term hereof and all of such production shall thereafter cease, Les-