

AMENDMENT TO GEOTHERMAL LEASE AND AGREEMENT

THIS AMENDMENT, made and entered into this 11th day of December, 1973, by and between Sam M. Dermengian and Annie Dermengian, 318 Cherrywood Street, West Covina, California, 91791, hereafter referred to as "LESSOR" and American Thermal Resources, Inc., a Nevada Corporation, 5405 Stockdale Highway, Suite 205, Bakersfield, California, 93309, hereinafter referred to as "LESSEE",

W I T N E S S E T H

WHEREAS on November 29, 1972 Lessor and Lessee entered into a Geothermal Lease and Agreement covering the following described lands situated in Eureka and Lander Counties, Nevada:

Township 31 North, Range 48 East, M.D.B. &M.

Section 21: E/2 NE/4

Section 31: S/2 NW/4 NW/4, S/2 NW/4,  
NW/4 NE/4, S/2 SE/4, SW/4 NW/4 SE/4

A Short Form of the said Geothermal Lease and Agreement having been recorded in Book 113, Page 485, of the Official Records of Lander County, Nevada and in Book 14, Page 311, of the Official Records of Eureka County, Nevada, and

WHEREAS, Lessor and Lessee now desire to amend the description of lands covered by said Geothermal Lease and Agreement to include additional lands.

NOW THEREFORE, in consideration of the premises, the payment of \$10.00 by Lessee to Lessor and other good and valuable consideration the receipt, adequacy and sufficiency of which are hereby acknowledged for the purpose of amending said lease, it is now and hereby agreed, notwithstanding anything to the contrary in said lease as originally executed, that the lands now covered by said lease are described as follows:

Township 31 North, Range 48 East, M. D. B. &M

Section 21: E/2 NE/4

Section 31: S/2 NW/4 NW/4, S/2 NW/4,  
NW/4 NE/4, S/2 SE/4, SW/4 NW/4 SE/4  
NE/4 SE/4

Lessor acknowledges that said lease, as amended is valid and in full force and effect and for such purpose Lessor hereby grants, leases, lets, and demises unto Lessee all of Lessor's interest in the above described lands upon the same terms, conditions and provisions as are contained in said lease as amended hereby.

This amendment may be executed in any number of counterparts with the same force and effect as if all parties signed the same document.

This amendment shall be binding upon and inure to the benefit of the parties hereto, their successors, personal representatives and assigns.

IN WITNESS WHEREOF, the parties hereto have caused this amendment to be executed as of the day and year first hereinabove written.

LESSOR

*Sam M. Dermengian*  
Sam M. Dermengian

*Annie Dermengian*  
Annie Dermengian

LESSEE

AMERICAN THERMAL RESOURCES, INC.

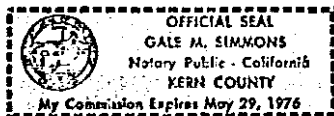
By: *Raymond*  
President

By: *D.W. Robinson*  
Secretary

STATE OF CALIFORNIA )  
County of KERN ) ss.

On February 6, 1974, before me, the undersigned, a Notary Public in and for said State, personally appeared ROY PARODI, known to me to be the Corporate President, and DAVID W. ROBINSON, known to me to be the Corporate Secretary of AMERICAN THERMAL RESOURCES INC., the corporation that executed the within Instrument, known to me to be the persons who executed the within Instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same pursuant to its by-laws or a resolution of its board of directors.

WITNESS my hand and official seal.

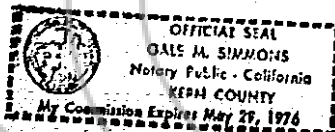


*Gale M. Simmons*

STATE OF California )  
COUNTY OF Los Angeles ) ss.

On February 6, 1974, before me, the undersigned, a Notary Public in and for said State, personally appeared SAM M. DERMENGIAN and ANNIE DERMENGIAN known to me to be the person s whose names are subscribed to the within Instrument and acknowledged that they executed the same.

WITNESS my hand and official seal.



*Gale M. Simmons*

RECORDED AT THE REQUEST OF American Thermal Resources, Inc.  
on Feb. 15, 1974 at 46 mins. past 10 A. M. in  
Book 47 of OFFICIAL RECORDS, page 232-233, RECORDS OF  
EUREKA COUNTY, NEVADA *William A. DeTasha* Recorder  
File No. 58226 Fee \$ 4.00  
FILE NO. 58226