

APPLICATION FOR PERMIT

No. 48434

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. SEP 24 1984

Returned to applicant for correction. NOV 8 1984

Corrected application filed.

Map filed. DEC 26 1984 under 48432

The applicant. HYDROTHERMAL ENERGY CORPORATION

6525 Sunset Blvd., Suite 203, of Los Angeles, California 90028

hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

(If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Hydrothermal Energy Corporation was incorporated in the State of Delaware in May 1978.

1. The source of the proposed appropriation is underground

2. The amount of water applied for is 2.5 second-feet

(a) If stored in reservoir give number of acre-feet.

3. The water to be used for geothermal

4. If use is for:

(a) Irrigation, state number of acres to be irrigated.

(b) Stockwater, state number and kinds of animals to be watered.

(c) Other use (describe fully under "No. 12. Remarks")

(d) Power:

(1) Horsepower developed.

(2) Point of return of water to stream.

5. The water is to be diverted from its source at the following point NE 1/4 SE 1/4 Section 23, T.19N., R.19E., M.D.B.&M., or at a point which bears N. 31 23' W., a distance of 2487 feet from the southeast corner of said Section 23.

6. Place of use a portion of the NE 1/4 SE 1/4 of Section 23, T.19N., R.19E., M.D.B. &M.

7. Use will begin about January 1 and end about December 31, of each year.

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Water to be diverted from well equipped with pump and returned to the ground via pipes.

9. Estimated cost of works. \$100,000.00

10. Estimated time required to construct works 2 years  
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 5 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Annual consumptive use will be 0 acre-feet. Water is to be returned to the same zone from which it is extracted.

By s/James P. Haddan  
JAMES P. HADDAN, P.E., R.L.S., Agent  
1807 North Nevada Street  
Carson City, Nevada 89701

Compared pr/yw

Protested

DENIAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby ~~grant~~ <sup>deny</sup> the same, subject to the following limitations and conditions:

Applications 46394, 46395, 46829, 47505, 48432, 48433 and 48434 are herewith denied on the grounds that their is no consumption of water from the source consequently this matter of these applications is not within the jurisdiction of the State Engineer.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed \_\_\_\_\_ cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before \_\_\_\_\_

Proof of completion of work shall be filed on or before \_\_\_\_\_

Application of water to beneficial use shall be made on or before \_\_\_\_\_

Proof of the application of water to beneficial use shall be filed on or before \_\_\_\_\_

Map in support of proof of beneficial use shall be filed on or before \_\_\_\_\_

Completion of work filed \_\_\_\_\_

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_

IN TESTIMONY WHEREOF, I R. MICHAEL TURNIPSEED  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 8th day of March,

A.D. 19 90

R. Michael Turnipseed P.E.  
State Engineer