

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office APR 18 1980

Returned to applicant for correction JUN 13 1980

Corrected application filed _____

Map filed _____

The applicant Hydrothermal Energy Corporation

2519 Horsehoe Canyon Road, of Los Angeles

Street and No. or P.O. Box No.

City or Town

California 90046, hereby make S application for permission to appropriate the public

State and Zip Code No.

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
Name of stream, lake or other source.

2. The amount of water applied for is 2.5 second-foot
One second-foot equals 448.83 gals. per min.

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

3. The water to be used for Geothermal
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

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: NE¼ SE¼ Section 23,

T.19N., R.19E., M.D.B.&M.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

(to be amended upon completion of water rights survey)

it should be stated.

6. Place of use NE¼ SE¼ Section 23, T19N., R.19E., M.D.B.&M.
Describe by legal subdivision, if on unsurveyed land it should be so stated.

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

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 with Pump and transported to heat exchanger and returned to the ground via pipes.
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

- 9. Estimated cost of works..... \$50,000.00.....
- 10. Estimated time required to construct works..... 2 years.....
- 11. Estimated time required to complete the application 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 to be returned to the same zone from which it is extracted.

Applicant Hydrothermal Energy Corporation

By..... s/Marc Pack
 Marc Pack (Site Manager)
 P. O. Box 1477
 Reno, Nevada 89502

Compared ha/jw

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

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.....

Actual construction work shall begin on or before.....

Proof of commencement of work shall be filed before.....

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

Proof of completion of work shall be filed 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.....

Commencement of work filed..... IN TESTIMONY WHEREOF, I.....
 Completion of work filed..... State Engineer of Nevada, have hereunto set my hand and the seal of
 Proof of beneficial use filed..... my office, this..... day of.....
 Cultural map filed.....
 Certificate No..... Issued.....

CANCELLED 1-8-1980 BECAUSE OF FAILURE TO REFILE A.D. 19.....

CORRECTED APPLICATION WITHIN STATUTORY TIME.
William J. [Signature]
 State Engineer
 STATE ENGINEER