

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office APR 9 1979

Returned to applicant for correction

Corrected application filed AUG 29 1979

Map filed AUG 29 1979 under 37782

The applicant Hydrothermal Energy Corporation

2519 Horseshoe Canyon Road, of Los Angeles, California

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: SE 1/4 SE 1/4 Section 23, T. 19N., R. 19E., MDB&M.

at a point which bears N60°00'W a distance of 715 feet from the southeast corner of said section 23

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

6. Place of use a portion of the SE 1/4 SE 1/4 section 23, T. 19N., R. 19E., MDB&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.

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 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 is to be returned to the same zone from which it is extracted.

Applicant Hydrothermal Energy Corporation

By s/ William E. Nork
 William E. Nork (Agent)
 950 East Greg Street
 Sparks, NV 89431

Compared lp/bl gk/ja

APPROVAL 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:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.5 cubic feet per second, but not to exceed a total of 225 million gallons annually from Permits 37782 and 37783 combined.

- Actual construction work shall begin on or before..... November 28, 1980
- Proof of commencement of work shall be filed before..... December 28, 1980
- Work must be prosecuted with reasonable diligence and be completed on or before..... November 28, 1981
- Proof of completion of work shall be filed before..... December 28, 1981
- Application of water to beneficial use shall be made on or before..... November 28, 1984
- Proof of the application of water to beneficial use shall be filed on or before..... December 28, 1984
- Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....
 Completion of work filed..... JAN 29 1985
 Proof of beneficial use filed.....
 Cultural map filed.....
 Certificate No..... Issued.....
 Recorded..... Bk..... Page.....
 County Recorder

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 28th day of MAY

A.D. 1980
 William J. Newman
 State Engineer

CANCELLED DEC 27 1993
 BECAUSE OF FAILURE
 OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
 Michael J. Newman
 STATE ENGINEER