AMENDED

№ 48432

APPLICATION FOR PERMIT

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

The applicant HYDROTHERMAL ENERGY CORPORATION

6525 Sunset Blvd., Suite 203 (Street and No. or P.O. Box No.), of Los Angeles (City or Town),

California 90028 (State and Zip Code No.), hereby makes 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 (Name of stream, lake, spring, underground or other source)

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

   (a) If stored in reservoir give number of 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., (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 so stated.) M.D.B.&M., or at a point which bears N. 17° 21' W., a distance of 2254 feet from the SE corner of said Section 23.

6. Place of use a portion of the NE¼ SE¼ of Section 23, T.19N., 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 (Month and Day) and end about December 31 (Month and Day), 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. (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.)

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~~ deny 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

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