

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

Date of filing in State Engineer's Office. AUG 21 1978

Returned to applicant for correction.....

Corrected application filed.....

Map filed. AUG 30 1978

The applicant Occidental Geothermal, Inc.  
5000 Stockdale Highway, of Bakersfield, California 93309  
Street and No. or P.O. Box No. City or Town

....., hereby make... 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.) Date of Incorporation; March 30,  
1977; place of incorporation; California. Qualified to do business in Nevada on  
July 14, 1977.

1. The source of the proposed appropriation is underground  
Name of stream, lake or other source.

2. The amount of water applied for is 100 second-foot  
One second-foot equals 448.83 gals. per min.  
(a) If stored in reservoir give number of acre-feet. None stored acre-feet

3. The water to be used for industrial (geothermal)  
Irrigation, power, mining, manufacturing, domestic, or other 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") Industrial (geothermal)  
(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: SE¼ of NE¼, Section 33, T.16N.,  
R.29E., M.D.M., at a point that bears N. 37° 57' E., a distance of 4945.21 feet  
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.  
from the NW corner of Section 3, T.15N., R.29E., M.D.M.

6. Place of use. SE¼ of NE¼, Section 33, T.16N., R.29E., M.D.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.  
Day and Month Day and Month

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.) It is a flowing well and will be shut in  
until such time as appropriate federal authorization will be issued for construction  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.  
of facilities for use of geothermal waters on the existing lease.

9. Estimated cost of works..... Well cost and well facilities to date \$200,000.00

10. Estimated time required to construct works..... Depends on Federal Permit time

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.

Intended use if calorie content of water is sufficient generation of electricity. If not sufficient for electrical generation, then use for hydroponics and space heating. Possible use for drying agricultural products.

Applicant..... OCCIDENTAL GEOTHERMAL, INC.

By..... s/ Thomas J. Nevith  
5000 Stockdale Highway  
Bakersfield, California 93309

Compared..... jv/bl ..... gk/bc

Pro: 11/2/78 by Ted Ax  
Pro. Overruled 5/13/81 ..... APPROVAL ..... OF STATE ENGINEER  
Ruling No. 2643

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 all existing rights on the source. 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 at permittee's well due to other ground water development in the area. A measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water granted herein at any and all times.

No perforations shall be put in the production casing from ground level to 100 feet.

This permit is issued subject to State Engineer's Ruling No. 2643 dated May 13, 1981.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 10.0 ..... cubic feet per second, but not to exceed 7,239.7 acre-feet annually.

Actual construction work shall begin on or before..... N/A

Proof of commencement of work shall be filed before..... N/A

Work must be prosecuted with reasonable diligence and be completed on or before..... August 20, 1982

Proof of completion of work shall be filed before..... September 20, 1982

Application of water to beneficial use shall be made on or before..... August 20, 1985

Proof of the application of water to beneficial use shall be filed on or before..... September 20, 1985

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

Commencement of work filed..... IN TESTIMONY WHEREOF, I PETER G. MORROS  
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 20th day of AUGUST  
Cultural map filed.....  
Certificate No..... Issued..... A.D. 19 81  
Recorded..... Bk..... Page.....

*[Signature]*  
State Engineer

CANCELLED OCT 21 1982  
OF APPLICANT WITH THE PROVISIONS OF PERMIT  
*[Signature]*  
Peter G. Morros