

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

Date of filing in State Engineer's Office APR 16 1981

Returned to applicant for correction

Corrected application filed

Map filed APR 16 1981

The applicant Sunoco Energy Development Company 12700 Park Central Pl., Suite 1500-Box 9 of Dallas Texas (75251) 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.)

Incorporated January 2, 1975 in the State of Delaware

1. The source of the proposed appropriation is Underground Well No. W45-5

2. The amount of water applied for is .5 second-feet

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

3. The water to be used for Industrial and Domestic

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 SW 1/4 Section 5, T24N, R37E, M.D.B.&M., or at a point from which the Northwest corner of Section 5, T24N, R37E, M.D.B.&M. bears, N 38° 45' 43" W a distance of 3,437.1 feet

6. Place of use Section 5, T24N, R37E, 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.) Drill well, install pump and motor and stand pipe.

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..... \$7,000.00

10. Estimated time required to construct works..... Two Years
If well completed, describe works.

11. Estimated time required to complete the application to beneficial use..... Four Years

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

This application is being made to obtain water for drilling purposes. The water will be used during the drilling of the geothermal wells and then the well will be capped and abandoned. The total amount of water to be withdrawn for this purpose is approximately five hunderd (500) acre feet.

SUNOCO ENERGY DEVELOPMENT COMPANY
By s/Richard W. Arden
Signature, applicant or agent.

Compared. bc/bl bt/bc Richard W. Arden, Agent, 950 Industrial Way Sparks, Nevada (89431)

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. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. 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.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.5 cubic feet per second, but not to exceed 362 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 November 18, 1982

Proof of completion of work shall be filed before December 18, 1982

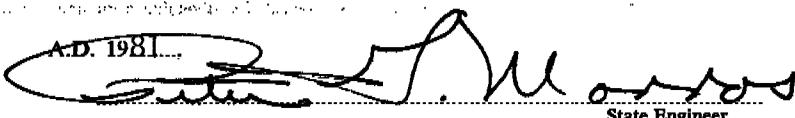
Application of water to beneficial use shall be made on or before November 18, 1987

Proof of the application of water to beneficial use shall be filed on or before December 18, 1987

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

Commencement of work filed NOV 13 1985
Completion of work filed
Proof of beneficial use filed JAN 07 1991
Cultural map filed
Certificate No. 13731 Issued SEP 15 1993

IN TESTIMONY WHEREOF, I, PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of
my office, this 18th day of NOVEMBER

A.D. 1981

State Engineer