

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

Date of filing in State Engineer's Office JUN 1 1982

Returned to applicant for correction AUG 4 1982

Corrected application filed

Map filed AUG 16 1982

The applicant Sunoco Energy Development Company
12700 Park Central Place, Suite 1500-Box 9 of Dallas
Street and No. or P.O. Box No. City or Town
Texas (75251), 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 incorpora-
tion; 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. W81-13
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is .5 second-foot
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 Industrial and Domestic
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: NE 1/4 Section 13, T24N, R36E,
Describe as being within a 40-acre subdivision of public

M.D.B.&M., or at a point from which the Northwest corner of Section 5, T24N, R37E,
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

M.D.B.&M. bears, N 26° 32' 36" E a distance of 12,039.9 feet

6. Place of use NE 1/4 Section 13, T24N, R36E, and NW 1/4 Section 18, T24N, R37E, 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.) Drill well, install a 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 of water 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.

The 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 hundred (500) acre feet.

Bys/Richard W. Arden
Richard W. Arden, Agent
950 Industrial Way
Sparks, Nevada (89431)

Compared sg/bl br/bl

Protested

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.

This application is being made to obtain water for drilling purposes. The water will be used during the drilling of the geothermal wells. The well will be capped and abandoned at the completion of the drilling project. The total amount of water to be withdrawn for this project shall be limited to 500 acre-feet annually.

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 361.983 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before December 27, 1984

Proof of completion of work shall be filed before January 27, 1985

Application of water to beneficial use shall be made on or before December 27, 1987

Proof of the application of water to beneficial use shall be filed on or before January 27, 1988

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

Completion of work filed..... IN TESTIMONY WHEREOF, I PETER G. MORROS,

State Engineer of Nevada, have hereunto set my hand and the seal of

Proof of beneficial use filed..... my office, this 27th day of DECEMBER,

Cultural map filed.....

A.D. 19 82

Certificate No. Issued.....

[Signature]
State Engineer

218 (Rev.) **FEB 11 1993**
WITHDRAWN BY APPLICANT
[Signature]
STATE ENGINEER