

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE
STATE OF NEVADA HERETOFORE APPROPRIATED**

Date of filing in State Engineer's Office DEC 13 1979

Returned to applicant for correction.....

Corrected application filed..... Map filed DEC 13 1979

The applicant Sunoco Energy Development Company

12700 Park Central Pl., Suite 1500-Box 8 of Dallas
Street and No. or P.O. Box No. City or Town

Texas (75251) hereby make application for permission to change the
State and Zip Code No.

Point of Diversion

of water heretofore appropriated under Permit No. 38390

(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

1. The source of water is Underground Well No. 29
Name of stream, lake, underground, spring or other source.
2. The amount of water to be changed 3.25 second feet
Second feet, acre feet. One second foot equals 448.83 gallons per minute.
3. The water to be used for Industrial
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.
4. The water heretofore used for Industrial
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.
5. The water is to be diverted at the following point NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 24, T24N, R36E, M.D.B.&M.,
or at a point from which the Northeast Corner of Section 6, T24N, R37E, M.D.B.
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
&M. bears, N 23°54'40"E 17, 989.22 feet
stated.
6. The existing point of diversion is located within NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 24, T24N, R36E, M.D.B.&M.,
or at a point from which the Northeast Corner of Section 6, T24N, R37E, M.D.B.&M.
If point of diversion is not changed, do not answer.
bears, N 30°41'31"E 19, 189.7 feet
7. Proposed place of use Section 32, T25N, R37E, M.D.B.&M., Sections 4, 5, 6, 7, 8, 17, 18,
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.
19, 20, T24N, R37E, M.D.B.&M., Sections 12, 13, 24, T24N, R36E, M.D.B.&M.
8. Existing place of use Same
Describe by legal subdivisions. If presently used for irrigation, state number of acres irrigated.
9. Use will be from January 1 to December 31 of each year.
Month and Day Month and Day
10. Use has been from January 1 to December 31 of each year.
Month and Day Month and Day
11. 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 to approximately 6,000 feet,
State manner in which water is to be diverted, whether by dam or other works,
install casing, cement back to surface to protect fresh water zones. Hot water
whether through pipes, ditches, flumes, or other conduits.
or steam will flow through pipeline to electric plant.

- 12. Estimated cost of works..... \$500,000
- 13. Estimated time required to construct works..... Two Years
- 14. Estimated time required to complete the application of water to beneficial use..... Ten Years
- 15. 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 for a geothermal well with a production of 2.1 million gallons per day. The withdrawal will be 2352 acre feet per year; however, the high temperature water would be flashed with the net effect of 210,000 gallons per day being beneficially used and the remaining water returned to the reservoir so only 235 acre feet per year is actually used. This application is commingled with other applications.

Compared.. ga/jw..... Applicant..... Sunoco Energy Development Co.
 By s/ Richard W. Arden
 Richard W. Arden, Agent
 930 Industrial Way, Sparks, Nevada (89431)

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:

This application is herewith denied on the grounds that with the foregoing denial of Application 38390, it too is rendered moot and without basis, there being no permitted water right to be changed.

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed..... cubic feet per second.....

Actual construction work shall begin on or before.....

Proof of commencement of work shall be filed before.....

Work must be prosecuted with reasonable diligence and be completed on or before.....

Proof of completion of work shall be filed 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.....

Commencement of work filed.....
 Completion of work filed.....
 Proof of beneficial use filed.....
 Cultural map filed.....
 Certificate No..... Issued.....

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 29th day of OCTOBER,
 A.D. 19 80
William J. Newman
 State Engineer