

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

Date of filing in State Engineer's Office..... APR 18 1980

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... APR 18 1980

The applicant..... Phillips Petroleum Company

P. O. Box 6256..... of..... Reno,.....
Street and No. or P.O. Box No. City or Town

Nevada 89513....., hereby make^S 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.)..... June 13, 1917 Delaware

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

2. The amount of water applied for is..... ten..... second-foot
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet..... 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")..... industrial and domestic

(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: NW1/4 SE1/4 section 32, T18N-R20E,

Washoe County, Nevada. The well will be 2898.7 feet on a bearing of N15°32'W
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.

6. Place of use..... section 32, T18N-R20E
Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about..... January 1st..... and end about..... December 31st....., 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 a well of 8-inch diameter or larger to a depth of 8000 feet or less. Steam and water will be diverted from the well
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.
through pipes.

- 9. Estimated cost of works \$500,000 one year to drill the well. Piping to be installed just
- 10. Estimated time required to construct works prior to application of water to beneficial use.
- 11. Estimated time required to complete the application to beneficial use ten years
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Well to develop geothermal resources.

Applicant Phillips Petroleum Company

By s/R. T. Forest
R. T. Forest
P.O. Box 6256
Reno, Nevada 89513

Compared bc/bl

gk/bc

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. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. 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.

There are to be no perforations in the well for at least the first 1,500 feet. The well is to be cemented from the production levels to the surface to protect fresh water zones.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

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 a consumptive use of 722.7 acre-feet annually.

Actual construction work shall begin on or before June 9, 1981

Proof of commencement of work shall be filed before July 9, 1981

Work must be prosecuted with reasonable diligence and be completed on or before June 9, 1982

Proof of completion of work shall be filed before July 9, 1982

Application of water to beneficial use shall be made on or before June 9, 1987

Proof of the application of water to beneficial use shall be filed on or before July 9, 1987

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

Commencement of work filed APR 22 1981
Completion of work filed JUN 14 1982
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 9th day of DECEMBER

A.D. 19 80
William J. Newman
State Engineer