

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

Date of filing in State Engineer's Office SEP 15 1980

Returned to applicant for correction.....

Corrected application filed.....

Map filed MAR 23 1981 under 42444

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 (10) second-feet  
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: W½ of West Lot 1 (SW¼ NW¼)

Section 5, T17N-R20E, 7241.07' on a bearing of N09°43'26" W. to  
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.  
the NW corner of section 32, T18N-R20E all M.D.B.&M.

6. Place of use section 32, T18N-R20E, M.D.B.&M.  
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 or larger diameter to a depth of 8000 feet or less. Steam and water will be diverted from the well through pipes.  
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

- 9. Estimated cost of works \$750,000
- 10. Estimated time required to construct works five (5) years
- 11. Estimated time required to complete the application to beneficial use eight (8) years. (Piping will be installed just prior to applying water to beneficial use).
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

It is planned to reinject the geothermal fluids into the reservoir once the heat energy has been extracted. Steam loss and evaporation is estimated at 10% of total flow. Therefore, estimated annual consumption is 722.7 acre-feet per year.

Applicant.....

By..... s/Frank Yeamans  
Frank Yeamans  
P. O. Box 6256  
Reno, Nevada 89513

Compared..... ha/bl..... bc/bl

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.

This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.

The used geothermal fluids are to be returned to the source.

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.

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.....cubic feet per second.....

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 27, 1982

Proof of completion of work shall be filed before..... September 27, 1982

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

Proof of the application of water to beneficial use shall be filed on or before..... September 27, 1987

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

Commencement of work filed.....  
 Completion of work filed..... SEP 09 1985  
 Proof of beneficial use filed.....  
 Cultural map filed.....  
 Certificate No..... Issued.....

IN TESTIMONY WHEREOF, I..... PETER G. MORROS  
 State Engineer of Nevada, have hereunto set my hand and the seal of  
 my office, this..... 27th day of..... AUGUST

A.D. 19..... 81  
  
 State Engineer