

RECORDED

Nº 45397

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

Date of filing in State Engineer's Office FEB 25 1982

Returned to applicant for correction MAY 10 1982

Corrected application filed

Map filed MAY 17 1982

The applicant Phillips Petroleum Company

P. O. Box 6256, of Reno, Nevada

Street and No. or P.O. Box No. City or Town Nevada 89513

State and Zip Code No. 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.) Delaware, June 13, 1917

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

2. The amount of water applied for is 5.0 (five) second-feet 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" 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: SW 1/4 SE 1/4 Section 21, T22N-R27E, Describe as being within a 40-acre subdivision of public

M.D.B.&M. on a bearing of N. 55° 07' W. 1634.5 feet from the SE corner of survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

Section 21, T22N-R27E M.D.B.&M.

6. Place of use Sections 21 and 22, T22N-R27E 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 a well of 8 inch or larger diameter State manner in which water is to be diverted, i.e. diversion structure, ditches and to a depth of less than 8000 feet. flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$750,000

- 10. Estimated time required to construct works 3 years  
If well completed, describe works.
- 11. Estimated time required to complete the application of water to beneficial use 5 years

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

Steam and water will be diverted from the well and the thermal energy extracted.  
Due to the long lead-in time for geothermal development and production it is  
requested that three years be granted for the time required to construct works  
and five years for the application of water to beneficial use.

By s/ F. L. Yeamans

F. L. Yeamans  
 P. O. Box 6256, Reno, Nevada 89513

Compared lmw/bl ja/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. 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. The State retains the right to regulate the use of the water herein granted at any and all times.

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 5.0 cubic feet per second, but not to exceed 3,620.0 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before December 16, 1983

Proof of completion of work shall be filed before January 16, 1984

Application of water to beneficial use shall be made on or before December 16, 1988

Proof of the application of water to beneficial use shall be filed on or before January 16, 1989

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

Completion of work filed NOV 30 1984 IN TESTIMONY WHEREOF, I PETER G. MORROS,

Proof of beneficial use filed JAN 18 1989 State Engineer of Nevada, have hereunto set my hand and the seal of

Cultural map filed \_\_\_\_\_ my office, this 16th day of DECEMBER

Certificate No. 12784 Issued APR 19 1991 A.D. 19 82

*Peter G. Morros*  
 State Engineer