

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

Date of filing in State Engineer's Office MAY 19 1980

Returned to applicant for correction _____

Corrected application filed _____

Map filed MAY 14 1980 under 40885

The applicant Anadarko Production Company

P. O. Box 1330, of Houston
Street and No. or P.O. Box No. City or Town

Texas 77001, 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 incorporation; if a copartnership or association, give names of members.)

A Delaware Corporation, Incorporated June 8, 1959

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

2. The amount of water applied for is 2.5 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet 0.0034 acre feet/minute acre-feet

3. The water to be used for Electrical Power Generation
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) Not Applicable

(b) Stockwater (state number and kinds of animals to be watered) Not Applicable

(c) Other use (describe fully under "No. 12. Remarks") _____

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream Not Applicable, water to be re-injected into reservoir.

5. The water is to be diverted from its source at the following point: #21-36 on unsurveyed land from NW1/4 NW1/4 Section 36, T17N R30E or at a point from which the SE corner of Section 36
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.
T17N, R30E Bears S 38°-37'-54" E 6375.01 feet

6. Place of use Salt Wells Basin Area, Churchill County, Nevada Well No. 21-36 unsurveyed
Describe by legal subdivision, if on unsurveyed land it should be so stated.
portion W1/2 Sec 32, 31 T17N R31E, E1/2 Sec. 35, 36 T17N R30E & NE1/4 NW1/4 Section 2 T16N R30E.

7. Use will begin about 1/1 and end about 12/31 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.) water will be piped to generating facility

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 \$1.25 million
- 10. Estimated time required to construct works eight to ten weeks
- 11. Estimated time required to complete the application to beneficial use Five - seven years from completion of drilling
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Well is required to provide geothermal fluid to a 10-50 MW electrical generating facility. Annual consumptive use equals 1787.04 acre feet.
Use map 40885

Applicant Anadarko Production Company

By s/Glenn Rice
Glenn Rice Sr. Vice President
P. O. Box 1330
Houston, Texas 77001

Compared lp/jk gk/ja

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 2,500 feet. The well is to be cemented from the 2,500 foot level 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 2.5 cubic feet per second, but not to exceed 1,787.04 acre-feet annually.

- Actual construction work shall begin on or before March 4, 1981
- Proof of commencement of work shall be filed before April 4, 1981
- Work must be prosecuted with reasonable diligence and be completed on or before March 4, 1982
- Proof of completion of work shall be filed before April 4, 1982
- Application of water to beneficial use shall be made on or before March 4, 1987
- Proof of the application of water to beneficial use shall be filed on or before April 4, 1987
- 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. MAY 18 1982 Issued.....

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 4th day of SEPTEMBER

A.D. 19 80

William J. Newman
 State Engineer

Peter L. Morrow