

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

MAY 19 1980

Date of filing in State Engineer's Office

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 Texas 77001

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.)

A Delaware Corporation, Incorporated June 8, 1959

1. The source of the proposed appropriation is Underground

2. The amount of water applied for is 2.5 second-feet (a) If stored in reservoir give number of acre-feet 0.0034 acre feet/minute

3. The water to be used for Electrical Power Generation

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 #77-25 unsurveyed portion of from SE1/4 SE1/4 Section 25, T17N, 30E or at a point from which the SE corner of Section 36, T17N R30E Bears S 08° 16' 39" E A distance of 6589.74 feet.

6. Place of use Salt Wells Basin Area Churchill County, Nevada Well No. 77-25 Unsurveyed portion of section 25, T17N, R30E, MDB&M, SE1/4 SE1/4 W1/2 Sec 32, 31 T17N R31E MDBM, E1/2 Section 35, 36, T17N, R30E MDBM & NE1/4 NW1/4 of Section 2, T16N R30E, MDBM

7. Use will begin about 1/1 and end about 12/31 of each year.

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
Five - seven years from completion of drilling
- 11. Estimated time required to complete the application to beneficial use 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..... 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. 1980

William J. Newman
State Engineer