

AMENDED  
APPLICATION FOR PERMIT

No 45742

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUN 2 1982

Returned to applicant for correction AUG 9 1982

Corrected application filed OCT 28 1982

Map filed NOV 4 1982

The applicant Trans-Pacific Geothermal, Inc. and Monterey Energy Company

1419 Broadway, of Oakland, California 94612

Street and No. or P.O. Box No. City or Town 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.)

TGS Associates is a partnership comprised of

Trans-Pacific Geothermal, Inc., incorporated in Nevada 11/16/81, and SR Geothermal, Inc., incorporated in Delaware 9/23/81. Monterey Energy Company is a partnership, incorporated in Texas, March 1, 1982. Members: Jerry Kramer, Jack Preston, Art Preston

1. The source of the proposed appropriation is deep geothermal reservoir - 10,000 feet

Name of stream, lake, spring, underground or other source

2. The amount of water applied for is five (5) 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 purposes

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

(d) Power:

(1) Horsepower developed no external pumps will be used

(2) Point of return of water to stream reinjection or surface disposal; will depend on water quality

5. The water is to be diverted from its source at the following point: NW 1/4 of SW 1/4, Sec. 27, T 25 N, R 37 E,

Describe as being within a 40-acre subdivision of public

MDB&M, from whence the SW corner Sec. 34, T 25 N, R 37 E bears S 08° 01' 48" W a survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

distance of 7000.36 feet.

6. Place of use NW 1/4 of SW 1/4, Sec. 27, T 25 N, R 37 E, MDB&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.) The proposed works would be the completed geothermal well. Water would be diverted from the geothermal reservoir, through the cased wellbore to the wellhead for the initial State manner in which water is to be diverted, i.e. diversion structure, ditches and the evaluate the geothermal reservoir. The wellbore will be cased to an estimated depth of 6300 feet (see Drilling and Completion Procedure.)

9. Estimated cost of works one million five hundred thousand dollars (\$1,500,000.00)

