

ASSIGNED
50025

Serial No. _____

SECOND AMENDED

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF NEVADA HERETOFORE APPROPRIATED

Date of filing in State Engineer's Office. JUL 23 1986

Returned to applicant for correction. AUG 25 1986

Corrected application filed. SEP 25 1986 Map filed. SEP 25 1986 Proposed POD; POU & Existing POD under 30682

The applicant TransPacific Geothermal Corporation
1330 Broadway, Suite 1525 of Oakland
Street and No. or P.O. Box No. City or Town
California 94612

State and Zip Code No. hereby make application for permission to change the Point of diversion

of water heretofore appropriated under Permit 30682 (Weishaupt #2)
(Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

1. The source of water is Stillwater Geothermal Field (underground)
Name of stream, lake, underground spring or other source.

2. The amount of water to be changed 5 second feed
Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for Industrial and domestic.
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for industrial and domestic.
Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point NE 1/4-NE 1/4 of Sec 1 T19N, R30E
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.
MDB&M. The point of diversion is located 544.29 ft N16°21'58"E
to the NE corner Sec 1 - well name deBraga #6

6. The existing permitted point of diversion is located within (Weishaupt #2) Lot 4, Nw/4 of NW/4
If point of diversion is not changed, do not answer.
of Sec 5 T19N R31E, MDB&M (map filed under permit #30682), at
a distance of 5,656.69 feet at a bearing of S83°48'39"E from NW
corner Sec 6, T19N, R31E, MDB&M.

7. Proposed place of use sane see attached
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

8. Existing place of use same
Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.

9. Use will be from Jan 1 to Dec 31 of each year.
Month and Day Month and Day

10. Use was permitted from Jan 1 to Dec 31 of each year.
Month and Day Month and Day

11. 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.) Plan to drill new well as shown in
State manner in which water is to be diverted, i.e. diversion structure, ditches, pipes and flumes, or drilled well, etc.
accompanied map - well deBraga #3.

12. Estimated cost of works \$200,000

13. Estimated time required to construct works 2 months

14. Estimated time required to complete the application of water to beneficial use 3 years

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

The estimated annual consumption use is 1 cfs.

By s/William J. Teplow
1330 Broadway, Suite 1525
Oakland, CA 94612

Compared cc/bl mm/se

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 to change the Point of Diversion of the waters of an underground source as heretofore granted under Permit 30682 is issued subject to the terms and conditions imposed in said Permit 30682 and with the understanding that no other rights on the source will be affected by the change proposed herein.

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use. There are to be no perforations in the well for at least the first 3000 feet. The well is to be cemented from the 3000 foot level to the surface to protect fresh water zones. The production and injection wells are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed

(CONTINUED ON PAGE 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 5.0 cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before March 10, 1989

Proof of completion of work shall be filed before April 10, 1989

Application of water to beneficial use shall be made on or before March 10, 1992

Proof of the application of water to beneficial use shall be filed on or before April 10, 1992

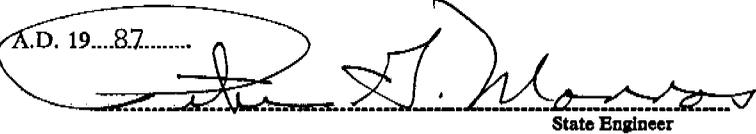
Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed _____ IN TESTIMONY WHEREOF, I PETER G. MORROS,

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

Cultural map filed _____ my office, this 10 day of March,

Certificate No. _____ Issued _____

A.D. 19 87

State Engineer

CANCELLED NOV 07 1990 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

 STATE ENGINEER

PERMIT TERMS CONTINUED

log on the injection well and/or other analysis of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total withdrawal of the geothermal fluid under this permit shall be limited to 3620 acre-feet per year but the total combined consumptive use of the geothermal fluid under Permits 30683, 30684 and 50025 shall be limited to 3620 acre-feet annually. This permit is further issued subject to the provisions of NRS 533.372 (1) and with the understanding 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.

Township 20 North, Range 31 East, M.D.M.

Sec. 15: A11
 Sec. 16: A11
 Sec. 17: E $\frac{1}{2}$ E $\frac{1}{2}$, SW $\frac{1}{2}$ SE $\frac{1}{2}$, S $\frac{1}{2}$ SW $\frac{1}{2}$
 Sec. 19: E $\frac{1}{2}$ NE $\frac{1}{2}$, SE $\frac{1}{2}$ SE $\frac{1}{2}$
 Sec. 20: A11
 Sec. 21: A11
 Sec. 22: W $\frac{1}{2}$
 Sec. 27: NW $\frac{1}{2}$ NW $\frac{1}{2}$
 Sec. 28: W $\frac{1}{2}$, NE $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{2}$
 Sec. 29: A11
 Sec. 30: E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$
 Sec. 31: A11
 Sec. 32: A11
 Sec. 33: W $\frac{1}{2}$ W $\frac{1}{2}$, NE $\frac{1}{2}$ NW $\frac{1}{2}$

Township 20 North, Range 30 East, M.D.M.

Sec. 36: SW $\frac{1}{2}$, S $\frac{1}{2}$ SE $\frac{1}{2}$

Township 19 North, Range 30 East, M.D.M.

Sec. 1: A11
 Sec. 2: S $\frac{1}{2}$, E $\frac{1}{2}$ NE $\frac{1}{2}$
 Sec. 11: E $\frac{1}{2}$, SW $\frac{1}{2}$
 Sec. 12: A11
 Sec. 13: A11
 Sec. 14: A11
 Sec. 23: E $\frac{1}{2}$, SW $\frac{1}{2}$, S $\frac{1}{2}$ NW $\frac{1}{2}$, NE $\frac{1}{2}$ NW $\frac{1}{2}$
 Sec. 24: A11
 Sec. 26: W $\frac{1}{2}$, NE $\frac{1}{2}$, N $\frac{1}{2}$ SE $\frac{1}{2}$, SW $\frac{1}{2}$ SE $\frac{1}{2}$
 Sec. 27: A11
 Sec. 28: E $\frac{1}{2}$ E $\frac{1}{2}$

Township 19 North, Range 31 East, M.D.M.

Sec. 4: W $\frac{1}{2}$ NW $\frac{1}{2}$, NW $\frac{1}{2}$ SW $\frac{1}{2}$
 Sec. 5: A11
 Sec. 6: A11
 Sec. 7: A11
 Sec. 8: A11
 Sec. 17: S $\frac{1}{2}$ NW $\frac{1}{2}$, NW $\frac{1}{2}$ NW $\frac{1}{2}$
 Sec. 18: W $\frac{1}{2}$, NE $\frac{1}{2}$, N $\frac{1}{2}$ SE $\frac{1}{2}$, SW $\frac{1}{2}$ SE $\frac{1}{2}$
 Sec. 19: W $\frac{1}{2}$ NW $\frac{1}{2}$, W $\frac{1}{2}$ NE $\frac{1}{2}$, SE $\frac{1}{2}$ NE $\frac{1}{2}$

AB