

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 AUG 07 1996

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed FEB 02 1984 under 47586

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The applicant TAD's Enterprises, Inc. hereby makes application for permission to change the point of diversion of a portion of water heretofore appropriated under Permit # 47645

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1. The source of water is Underground- geothermal.
2. The amount of water to be changed 0.7 cfs
3. The water to be used for Industrial & Domestic
4. The water heretofore permitted for Industrial & Domestic
5. The water is to be diverted at the following point NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15, T.15N., R.25 E., M.D.B.&M., or at a point from which the W $\frac{1}{4}$  corner of said Section 15 bears North 63°26'00" West 670.8 feet.
6. The existing permitted point of diversion is located within NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16, T.15N., R.25E., M.D.B.&M., or at a point from which the E $\frac{1}{4}$  corner of said Section 16 bears North 63°26'06" East, 447.2 feet.
7. Proposed place of use N $\frac{1}{2}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  N $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 16; T.15N., R.25E., M.D.B.&M., East of Alt. U.S. 95.
8. Existing place of use N $\frac{1}{2}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  N $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 16; T.15N., R.25E., M.D.B.&M., East of Alt. U.S. 95.
9. Use will be from January 1 to December 31 of each year.
10. Use was permitted from January 1 to December 31 of each year.
11. Description of proposed works existing well and pipeline
12. Estimated cost of works \$1,000,000.00
13. Estimated time required to construct works completed geothermal production well #2, pump and motor, power generation unit.
14. Estimated time required to complete the application of water to beneficial use one year
15. Remarks: The purpose of this application is to change the point of diversion from a proposed well to an existing well to support a geothermal power plant. The capability for injection in the area is very limited. An application to allow surface discharge of the water for wildlife habitat is being filed with the State, supported by Surface Disposal Permit #NEV92037 issued by the Division of Environmental Protection. Please use map filed to support Application #47586. Injection Well 25-15 has been used by the project.

By s/Missy Payne Missy Payne, Agent  
Geothermal Development Assoc.  
251 Ralston St., Reno, NV 89503

Compared By lew/ jr/cms

Protested \_\_\_\_\_

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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 a portion of the waters of a geothermal source as heretofore granted under Permit 47645 is issued subject to the terms and conditions imposed in said Permit 47645 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 to determine the total amount of fluid diverted and consumed for a beneficial use.

The production well is to be cemented from the producing level 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 power purposes and fresh, cold water aquifers are not to be diverted. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

A quarterly 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 discharged.

The total withdrawal of the geothermal fluid shall be limited to 506.78 acre-feet per year. The State Engineer does not waive the right to make a determination of consumptive use impacts at any time and impose additional conditions thereto.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.7 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before:

December 31, 1998

Proof of completion of work shall be filed before:

January 31, 1999

Application of water to beneficial use shall be filed on or before:

December 31, 2002

Proof of the application of water to beneficial use shall be filed on or before:

January 31, 2003

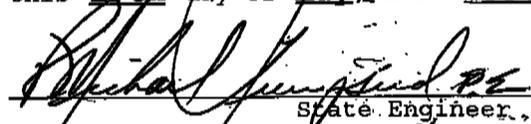
Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.,

State Engineer of Nevada, have hereunto set  
my hand and the seal of my office,

this 19th day of May A.D. 1998

  
State Engineer

Completion of work filed FEB 19 1999

Proof of beneficial use filed FEB 19 1999

Cultural map filed \_\_\_\_\_

Certificate No. 15295 Issued AUG 31 1999

