

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JAN 11 1985 NEW PRIORITY DATE: OCT 26 1993

Returned to applicant for correction.....

Corrected application filed.....

Map filed JAN 11 1985

The applicant Scott Construction Company

Post Office Box 187, of Redwood City
Street and No. or P.O. Box No. City or Town

California 94063, hereby make^s 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.)

Lawrence Scott Luedemann, Owner

1. The source of the proposed appropriation is Underground (geo-thermal)
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.387 CFS not to exceed 250,000 gal per day 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 Commercial and Domestic (Aqua culture)
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").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point within the NW 1/4 SE 1/4 of Section 21
Describe as being within a 40-acre subdivision of public
T.14N., R.20E., M.D.B.&M., or at a point from which the S 1/4 corner of said
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
Section 21 bears S 29° 01' W, 1,856 feet.

6. Place of use NE 1/4, N 1/2 SE 1/4 and the SE 1/4 SE 1/4 of Section 21, T.14N., R.20E.,
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
M.D.B.&M., Douglas County, Nevada

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.) Drilled geo-thermal well with a closed piping system carrying hot water to a heating system.
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$10,000

10. Estimated time required to construct works Five years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use Five years

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

The water requested under the application will be used consumptively for one bathroom, a laboratory and for a small amount of landscaping and also used non consumptively in a closed system for space heating through heat exchangers to grow lobsters.

By s/B J Vasey
B.J. Vasey, PE, VASEY ENGINEERING CO., INC
Post Office Box 1164
Minden, NV 89423

Compared js/ ll js/bc

Protested 3/4/85 Sertoma International Pro. wdr. 6/13/85

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 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 and the amount of fluid injected into the injection well to determine the total amount of fluid consumed for a beneficial use.

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

(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 0.387 cubic feet per second, but not to exceed 29.82 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before June 19, 1987

Proof of completion of work shall be filed on or before July 19, 1987

Application of water to beneficial use shall be made on or before June 19, 1990

Proof of the application of water to beneficial use shall be filed on or before July 19, 1990

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

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 my office, this 19th day of June

Cultural map filed A.D. 19 85

Certificate No. Issued

218 (Rev.)

[Signature]
CANCELLED DEC 21 1996 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
[Signature] STATE ENGINEER

OCT 14 1993
CANCELLED BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

[Signature] STATE ENGINEER
[Signature] 11/4/93

(PERMIT TERMS CONTINUED)

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

The total withdrawal of the geothermal fluid shall be limited to 280 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 11% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses 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.

No perforations shall be put in the production casing from ground level to 100 feet.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use.

