

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office AUG 7 1983 NEW PRIORITY DATE JAN 30 1992

Returned to applicant for correction.....

Corrected application filed.....

Map filed OCT 27 1982 under 46068

The applicant Keith Bantz
2135 Richter Drive, of Reno,
Street and No. or P.O. Box No. City or Town
Nevada, hereby make.... 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.)

1. The source of the proposed appropriation is underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 0.625 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 Quasi-Municipal (Geothermal)
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: NE 1/4 NE 1/4, Section 27, T.19N., R.19E. MDB&M or at a point from which the NE corner of said Section 27, bears N.51°10'24" E., a distance of 933.71 feet.
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 so stated.

6. Place of use NE 1/4 NE 1/4, Section 27, T.19N., R.19E., MDB&M as shown on the supporting map (application 46068).
Describe by legal subdivision, if on unsurveyed land, it should be so stated.

7. Use will begin about 1 January and end about 31 December, 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 well, distribution system extracting heat from the geothermal waters and then injecting the spent fluids
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 \$35,000.00

10. Estimated time required to construct works..... 1 year
IF well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use..... 3 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 under this permit will be used for geothermal purposes. The existing well under permit 42929 will pump geothermal water and put it into a distribution system that will serve up to 30 homes. This system will extract the heat then return the spent fluid via an injection well. The consumptive use will be (0) acre-feet.

By..... s/William E. Nork
William E. Nork (Agent)
1026 W. First Street
Reno, NV 89503

Compared..... js/ bl br/ja.

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 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. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is 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 only and fresh, cold water aquifers are not to be diverted.

The used geothermal fluids are to be returned to the source. Applications to change the manner of use to a consumptive use may be filed and duly considered.

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 The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and

not to exceed..... 0.625 cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before..... August 30, 1983

Proof of completion of work shall be filed before..... September 30, 1983

Application of water to beneficial use shall be made on or before..... August 30, 1985

Proof of the application of water to beneficial use shall be filed on or before..... September 30, 1985

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

Completion of work filed..... SEP 28 1983

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No..... Issued.....

IN TESTIMONY WHEREOF, I..... PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 30th day of JUNE

A.D. 19 83
[Signature]
State Engineer

CANCELLED JAN 17 1992 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
[Signature]
STATE ENGINEER

CANCELLED JUN 17 1997 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
[Signature]
STATE ENGINEER

Can Rescind 4-16-92

(PERMIT TERMS CONTINUED)

Proof of Completion.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

