

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office DEC 8 1980

Returned to applicant for correction _____

Corrected application filed _____

Map filed DEC 8 1980

The applicant Keith Bantz

2135 Richter Drive, of Reno
Street and No. or P.O. Box No. City or Town

Nevada, hereby make 1 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 or other source.

2. The amount of water applied for is .2 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet _____ 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: Within the NE 1/4 NE 1/4 Section 27, T19N, R19E, MDB&M, or at a point from which the NE corner of said Section 27 bears N51° 10'04" 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 stated.

6. Place of use NE 1/4 NE 1/4, Section 27 T19N R19E 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.) Drilled well, downhole heat exchanger distribution 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 dollars

10. Estimated time required to construct works..... six months
If well completed, describe works.

11. Estimated time required to complete the application to beneficial use..... one year

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

Two residential units (homes) will be served by a downhole heat exchanger. There will be no water diverted to the surface, with an annual consumption of (0)

By..... s/William E. Nork
Signature, applicant or agent
 950 E. Greg
 Sparks, Nevada 89431

Compared. ha/bl..... bt/gk.....

..... 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. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This permit is to appropriate geothermal fluids only and all cold, fresh water aquifers are to be sealed off to prevent waste and contamination.
 The used geothermal fluids are to be returned to the source.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 0.2cubic feet per second.....

Actual construction work shall begin on or before..... N/A

Proof of commencement of work shall be filed before..... N/A

Work must be prosecuted with reasonable diligence and be completed on or before..... September 4, 1982

Proof of completion of work shall be filed before..... October 4, 1982

Application of water to beneficial use shall be made on or before..... September 4, 1984

Proof of the application of water to beneficial use shall be filed on or before..... October 4, 1984

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

Commencement of work filed..... JAN 14 1982

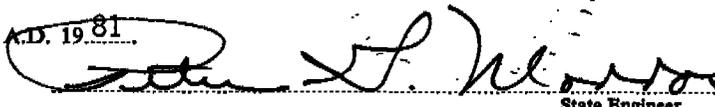
Completion of work filed.....

Proof of beneficial use filed..... MAY 2 1982

Cultural map filed.....

Certificate No. 10145 Issued JUL 19 1982

IN TESTIMONY WHEREOF, I..... PETER G. MORROS
 State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 4th day of SEPTEMBER

A.D. 19 81

 State Engineer