

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. OCT 24 1984

Returned to applicant for correction.

Corrected application filed.

Map filed. JAN 18 1982 under 44534

The applicant. Ardith Gadda

599 California Ave. of Reno

Nevada 89509, hereby make application for permission to appropriate the public

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. 4 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. Generation (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 to be determined

5. The water is to be diverted from its source at the following point within the NW1/4 NE1/4, Section 14, T.15N., R.25E., M.D.B.&M. or at a point from which the SW corner of said survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated. Section 14 bears S. 32° 00' 33" W. a distance of 6,027 feet

6. Place of use. NW1/4 NE1/4, Section 14, T.15N., R.25E. M.D.B.&M. Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about Jan 1 and end about Dec 31, of each year.

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 and pumped 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. \$20,000

10. Estimated time required to construct works 2 years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 5 years

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

Hot water well to be used to generate power prior to use in green house.

This use will be non-consumptive. Total withdrawal requested is 2896
acre-feet per year.

Use map filed under 44534

By s/Ardith Gadda
599 California Ave.
Reno, Nevada 89509

Compared bl/bc ll/bm

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 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 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 fluids 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 4.0 cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before October 20, 1985

Proof of completion of work shall be filed on or before November 20, 1985

Application of water to beneficial use shall be made on or before October 20, 1987

Proof of the application of water to beneficial use shall be filed on or before November 20, 1987

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

Proof of beneficial use filed my office, this 9TH day of JANUARY

Cultural map filed A.D. 19 85

Certificate No. Issued
Peter G. Morros
State Engineer

CANCELLED JAN 21 1988 BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

Peter G. Morros STATE ENGINEER

(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 2,896 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 10% 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 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.

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

The total combined duty of water under Permits 31057, 31058, 31059, 31060, 44534, 44535, 45146, 48510 and 48511 shall not exceed 500 acre-feet annually.

The total combined diversion rate under this permit and Permits 45811 and 44535 shall not exceed 4.0 cubic feet per second.

