

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

Date of filing in State Engineer's Office JUL 27 1978
Returned to applicant for correction SEP 28 1978
Corrected application filed OCT 19 1978
Map filed JUL 27 1978

The applicant Nevada Green c/o Boyack Surveying, Inc.
582 1/2 West Cedar Street, of Elko City or Town
Nevada 89801, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

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

2. The amount of water applied for is .25 cfs second-foot
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 commercial
Irrigation, power, mining, manufacturing, domestic, or other 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: SE 1/4 NE 1/4 of section 21.

T34N, R55E, MDB&M, at a point from which the E 1/4 corner of said section 21 bears S 35° 07' 18" E, a distance of 863.19 feet.

6. Place of use portion of SE 1/4 NE 1/4 section 21, T34N, R55E, MDB&M

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.) Pipes and pumps will re-circulate waters to Greenhouse.

- 9. Estimated cost of works..... \$10,000.00
- 10. Estimated time required to construct works..... 2 years
- 11. Estimated time required to complete the application 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.

This application is for non-consumptive use. The applicant will be using hot waters from this application to heat the waters from Application No. 34647, then re-circulate the hot water (for greenhouse).

Applicant Nevada Green
 Pro: 11/22/78 by M.P. Armstrong
 Compared lp/ga ja/sj
 By s/ Alan S. Boyack
 Alan S. Boyack
 582½ West Cedar Street
 Elko, Nevada 89801

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 all existing rights on the source. 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 at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The well must be so constructed and sealed as to prevent the upper leakage of geothermal fluids and the downward leakage of any cold water aquifer or surface water. This permit is further 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 permittee shall have the option of using the well itself for a heat exchanger, discharging fluids into the Humboldt River, or injecting the fluids back to the same aquifer from whence they are diverted, but in any event, the necessary discharge permits shall be the sole responsibility of the permittee.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.25 cubic feet per second, but not to exceed 58.98 million gallons annually.

- Actual construction work shall begin on or before..... September 18, 1980
- Proof of commencement of work shall be filed before..... October 18, 1980
- Work must be prosecuted with reasonable diligence and be completed on or before..... September 18, 1981
- Proof of completion of work shall be filed before..... October 18, 1981
- Application of water to beneficial use shall be made on or before..... September 18, 1983
- Proof of the application of water to beneficial use shall be filed on or before..... October 18, 1983
- Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed NOV 5 1980
 Completion of work filed OCT 1 1981
 Proof of beneficial use filed DEC 17 1984
 Cultural map filed.....
 Certificate No. 11113 Issued FEB 7 1985
 Recorded..... Bk. 38 Page.....
 County Recorder

IN TESTIMONY WHEREOF, I, WILLIAM J. NEWMAN
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 18th day of MARCH

A.D. 1980
 William J. Newman
 State Engineer