

ASSIGNED

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

Date of filing in State Engineer's Office JUL 11 1978

Returned to applicant for correction _____

Corrected application filed _____

Map filed JUL 11 1978

The applicant Elko Heat Company
c/o Chilton Engineering, 421 Court of Elko
Street and No. or P.O. Box No. City or Town
Nevada 89801
State and Zip Code No., hereby makes 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.) an association of: Stockmen's Motor Hotel, Inc., Vogue Laundry & Cleaners, Inc., Henderson Bank Building

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

2. The amount of water applied for is 3.0 cfs 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 commercial use-heat extraction
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: NW¹/₄SE¹/₄ Section 15, T34N, R55E, MDM, at a point from which the SE corner of said section 15
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.
bears S 34° 30' E 2,480 feet

6. Place of use Section 9, 10, 11, 14, 15, 16, 21, 22, N¹/₂ Section 23, all in
Describe by legal subdivision, if on unsurveyed land it should be so stated.
T34N, R55E, MDM (City of Elko)

7. Use will begin about January 1 and end about December 31, of each year.
Day and Month Day and Month

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 with solid casing cemented below cold water zones to a minimum depth of 700 or 800 feet
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

- 9. Estimated cost of works.....\$100,000.00
- 10. Estimated time required to construct works..... 3 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.

Heat extraction from geothermal source for space heating, service hot water, and process heat. This application is being filed in case there is a consumptive use. However, plans call for reinjection of water into ground water sources from which it originated.

Applicant Elko Heat Company

By s/ Mark Chilton
Agent 421 Court
Elko, Nevada 89801

Compared lp/jv jm/bl

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 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 the 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 granted herein at any and all times.

The well shall be so constructed as to prevent any upward leakage of the geothermal resource into fresh water aquifers and shall have a 50 ft. cemented sanitary seal.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.0 cubic feet per second.

Actual construction work shall begin on or before July 25, 1979

Proof of commencement of work shall be filed before August 25, 1979

Work must be prosecuted with reasonable diligence and be completed on or before July 25, 1980

Proof of completion of work shall be filed before August 25, 1980

Application of water to beneficial use shall be made on or before July 25, 1983

Proof of the application of water to beneficial use shall be filed on or before August 25, 1983

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

AUG 13 1979

Commencement of work filed.....
Completion of work filed.....
Proof of beneficial use filed.....
Cultural map filed.....
Certificate No..... Issued.....
Recorded..... Bk..... 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 25th day of JANUARY

A.D. 19 79
William J. Newman
State Engineer