

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

Date of filing in State Engineer's Office SEP 13 1979

Returned to applicant for correction APR 23 1980

Corrected application filed MAY 15 1980

Map filed MAY 15 1980 under 39051

The applicant Elko Heat Co.

421 Court Street, of Elko

Street and No. or P.O. Box No. City or Town

Nevada 89801, 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.) 1979 Nevada

1. The source of the proposed appropriation is Underground Well # 5  
Name of stream, lake or other source.

2. The amount of water applied for is 10.0 cfs (nonconsumptive use) 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: NW 1/4 NW 1/4 Section 22 T34N R55E

M.D.M. or at a point from which the NW corner of said Section 22 bears N 45°  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

00' W, 424 feet.  
it should be stated.

6. Place of use Section 9, 10, 11, 14, 15, 16, 21, 22, N 1/2 Section 23 all in T34N  
Describe by legal subdivision, if on unsurveyed land it should be so stated.

R55E M.D.M. City of Elko, Nevada

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 below cold

water zones within 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
- 10. Estimated time required to construct works..... 3 - 10 years
- 11. Estimated time required to complete the application to beneficial use..... 10 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 to cover the consumptive use, however, plans call for re-injection of water into the ground water sources from which it originated.

Applicant..... Elko Heat Co.

By s/Mark Chilton agent  
421 Court Street  
Elko, Nevada 89801

Compared b1/jk gk/bc  
Pro. 6/9/80 by Nevada Green  
Pro. 6/19/80 by City of Elko

Protests Overruled, Ru1ing #2627 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.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 10.0 cubic feet per second, but not to exceed a total of 7,240 acre-feet annually from Permits 39050, 39051, 39052, 39053, and 39054 combined.

- Actual construction work shall begin on or before..... October 28, 1981
- Proof of commencement of work shall be filed before..... November 28, 1981
- Work must be prosecuted with reasonable diligence and be completed on or before..... October 28, 1982
- Proof of completion of work shall be filed before..... November 28, 1982
- Application of water to beneficial use shall be made on or before..... October 28, 1987
- Proof of the application of water to beneficial use shall be filed on or before..... November 28, 1987
- Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed.....  
Completion of work filed.....  
Proof of beneficial use filed.....  
Cultural map filed.....  
Certificate No..... Issued.....  
Recorded..... Bk..... Page.....

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 28th day of APRIL

A.D. 19 81

*William J. Newman*  
State Engineer

CANCELLED MAY 10 1988 County Recorder  
BECAUSE OF FAILURE  
OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

*Peter J. Morrow*  
STATE ENGINEER