AMENDED

No. 47236

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

Date of filing in State Engineer's Office SEP 8 1983

Returned to applicant for correction OCT 3 1983

Corrected application filed DEC 22 1983

Map filed DEC 22 1983 under 47235

The applicant Elko County School District

1092 Burns Road (Street and No. or P.O. Box No.), of Elko (City or Town),

Nevada 89801 (State and Zip Code No.), hereby make S 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 1.0 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 Geothermal (heat extraction) (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: NE¼ SW¼ Section 14, T 34 N, (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 so stated.) R 55 E, MDM, at a point from which the W¼ corner of Section 11, T 34 N, R 55 E, MDM bears N 13° 30' W 5996 feet

6. Place of use portion of N½ SW¼ Section 14, T 34 N, R 55 E, MDM-Southside School (Describe by legal subdivision. If on unsurveyed land, it should be so stated.)

7. Use will begin about January 1 (Month and Day) and end about December 31 (Month and Day), 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 and cased well equipped with (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.) motor, pump, seals and pipeline to place of use

9. Estimated cost of works $50,000.00

10. **Estimated time required to construct works** 3 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.**

Estimated consumptive use: 1 cfs x 270 days/year-535 ac.ft/yr. The consumptive use may be considerable less, depending on the temperature of the geothermal fluids.

By s/Charles H. Knight
Charles H. Knight, Superintendent
P.O. Box 1012
Elko, Nevada 89801

Compared js/bl pr/bl

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.

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.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued with the following conditions:

1. The well must be drilled a minimum of 1000 feet from the point of diversion of any underground permit.

2. A semi-annual report must be submitted to the State Engineer on January 1 and July 1 of each year detailing the amount of water diverted and placed to beneficial use and the temperature and electrical conductivity readings of the extracted fluid.

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The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 **cubic feet per second.**

Work must be prosecuted with reasonable diligence and be completed on or before August 29, 1985

Proof of completion of work shall be filed before September 29,1985

Application of water to beneficial use shall be made on or before August 29, 1987

Proof of the application of water to beneficial use shall be filed on or before September 29, 1987

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

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. **Issued**

218 (Rev.)

IN TESTIMONY WHEREOF, I PETER G. MORROS, **State Engineer of Nevada, have hereunto set my hand and the seal of my office, this** 29th **day of** August, **A.D. 19** 84

State Engineer

3. This permit is restricted to a consumptive use of 268 acre-feet per year, 1/2 of the requested amount, until a record is available which shows no adverse effect on existing rights.

4. If pumpage under this permit has any adverse effect on the existing rights at any future date, then withdrawals may be limited or reinjection of the geothermal fluids may be required.

5. The production well under this permit shall be cemented from the producing levels to the surface to protect fresh water zones. The completion plans of the well must be reviewed and approved by the State Engineer.

6. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used for heating purposes, and fresh, cold water aquifers are not to be diverted or interfered with.