№ 47643

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

Date of filing in State Engineer's Office FEB 2 1984

Returned to applicant for correction

Corrected application filed

Map filed FEB 2 1984 under 47586

The applicant Agri-Technology Corporation c/o Neal Townsend

#10 Julian Lane (Street and No. or P.O. Box No.), of Yerington (City or Town),

Nevada 89447 (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.)

Incorporated in Nevada - November 18, 1971

1. The source of the proposed appropriation is Underground (Geothermal with reinjection well) (Name of stream, lake, spring, underground or other source)

2. The amount of water applied for is 1.7 c.f.s. (One second-foot equals 448.83 gals. per min.) second-feet

   (a) If stored in reservoir give number of acre-feet

3. The water to be used for Industrial & Domestic (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 NE¼SE¼ SEction 16, T.15 N., R.25 E., M.D.B.& M., or at a point from which the E¼ corner of said Section 16 bears North 78°54'23" East, 1039 feet. (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.)

6. Place of use N½NW¼SW¼ Section 15; N½N½SE¼, N½NE¼SW¼ Section 16; T.15 N., R.25 E., M.D.B.& M., East of Alt. U.S.95. (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.) geothermal well, pump and motor, turbine, possible regulating reservoir and reinjection well with pump and motor (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 $1,000,000.00

10. Estimated time required to construct works 1 year
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.

The purpose of this application is to appropriate heat from a geothermal resource. A second well is to be drilled within the same 40 acre subdivision for reinjection purposes. All water, after running through a lowhead turbine, will be reinjected. Please use map filed to support Application #47586.

By s/ Bruce R. Scott
Bruce R. Scott, Resource Concepts, Inc.
340 North Minnesota Street
Carson City, Nevada 89701

Compared br/ js bc/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. 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. (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 1.70 cubic feet per second

Work must be prosecuted with reasonable diligence and be completed on or before DECEMBER 31, 1986

Proof of completion of work shall be filed before JANUARY 31, 1987

Application of water to beneficial use shall be made on or before DECEMBER 31, 1988

Proof of the application of water to beneficial use shall be filed on or before JANUARY 31, 1989

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

IN TESTIMONY WHEREOF, I PETER G. MORROS State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 31st day of december, A.D. 19 84

State Engineer

218 (Rev.)

WITHDRAWN BY APPLICANT FEB 19 1999

STATE ENGINEER

PERMIT TERMS CONTINUED

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.

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 1230.74 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.