

AMENDED

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE STATE OF
NEVADA HERETOFORE APPROPRIATED**

Date of filing in State Engineer's Office JUN 12 2000

Returned to applicant for correction JUN 28 2000

Corrected application filed AUG 18 2000

Map filed AUG 25 2000

The applicant **Caithness Power, Inc.**, hereby make application for permission to change the **Point of Diversion and Place of Use** of water heretofore appropriated under NDWR Permit **55198**

1. The source of water is **Underground Geothermal**
2. The amount of water to be changed **10 CFS**
3. The water to be used for **Geothermal Power - Industrial**
4. The water heretofore permitted for **Geothermal Power - Industrial**
5. The water is to be diverted at the following point **SW/4 NW/4 Section 5, T.17N., R.20E., M.D.B.&M, or at a point from which the N/4 corner of Section 5 bears N 36° 39' 38" E a distance of 2,833.63 feet. Proposed well 24-5.**
6. The existing permitted point of diversion is located within **NW/4 SW/4 Section 32, T.18N., R.20E., M.D.B.&M, or at a point from which the N/4 corner of Section 32 bears N 35° 51' 39" E a distance of 4,196.69 feet. Proposed well 16-32.**
7. Proposed place of use **W½ Lot 2 NW/4, E½ Lot 2 NW/4, W½ Lot 1 NW/4, E½ Lot 1 NW/4, W½ Lot 2 NE/4, N½ NW/4 SW/4, N½ NE/4 SW/4, Section 5, T17N, R20E, MDB&M.**
8. Existing place of use **Section 32, T.18N., R.20E., M.D.B.&M, and N/2, NW/4 SW/4, NW/4 SE/4 and N/2 SW/4 SW/4 and NE/4 SW/4 Section 5, T.17N., R.20E., M.D.B.&M.**
9. Use will be from **January 1 to December 31** of each year.
10. Use was permitted from **January 1 to December 31** of each year.
11. Description of proposed works **Install piping to power plant(s).**
12. Estimated cost of works **Up to \$800,000.**
13. Estimated time required to construct works **Up to 6 months to complete well pad separator and piping if needed. Production well 24-5 completed February 2000. Geothermal well was drilled to 2582 feet and cased to 1505 feet.**
14. Estimated time required to complete the application of water to beneficial use **Up to one year if piping changes are required.**

15. Remarks: **The purpose of this application is to change the previously permitted point of diversion. The previously permitted place of use is still applicable. The geothermal fluid produced from this well may be utilized by the existing power plant, and/or other electrical generation units to be constructed in Section 5, T.17N., R.20E., M.D.B.&M.**

By **Ted De Rocher**
 s/**Ted De Rocher**
9790 Gateway Dr., Suite 220
Reno, NV 89511

Compared my/cmF ds/cmF

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 to change the point of diversion and place of use of the waters of an underground geothermal source as heretofore granted under Permit 55198 is issued subject to the terms and conditions imposed in said Permit 55198. No other rights on the source are affected by the change proposed herein.

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 depend upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease in reservoir pressure and heat. The well shall be constructed and maintained to prevent any waste of the geothermal fluid above or below the surface. The producing well discharge shall be closely monitored and recorded. The amounts of fluid injected back to the reservoir shall also be monitored and recorded to determine the total annual diversion and consumption for beneficial use.

The annulus of any well drilled under this permit is to be cemented from the top of the producing or injection interval to surface to prevent waste and to prevent any communication with fresh ground water. Only geothermal waters are to be diverted under this permit and the cooled geothermal fluids are to be returned to the source via the injection well.

This permit does not relieve the operator of the requirements of any other state, local or federal agency. This permit does not extend the permittee the right of ingress or egress on public or private lands.

An annual report that documents the amount of fluid produced, injected and/or consumed shall be filed under this permit not later than January 31 of the year following the reporting year. Any exploration and subsurface information obtained as a result of this project shall be kept confidential pursuant to Chapter 534A.031 of the Nevada Revised Statutes (NRS).

The total withdrawal of geothermal fluid under this permit shall be limited to 7,240 acre-feet per year. This appropriation permit allows for a total consumptive use of the geothermal fluid that shall not exceed 10% of the amount produced annually. The State Engineer reserves the right to make findings regarding the consumptive use of the geothermal fluid under this permit and impose additional conditions thereto.

This permit is further issued subject to the provisions of NRS 533.372 and with the understanding that the power or energy generated by the beneficial use of the geothermal fluid is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The total combined consumptive use of geothermal water under Permits 50914, Certificate 15205; 53848; 55191, Certificate 15206; 55192, Certificate 15207; 55193; 55194; 55195; 55196; 55197; 55199, and 66448 shall not exceed 7,963.67 acre-feet annually.

(CONTINUED ON PAGE 3)

The permittee shall report to the State Engineer on a quarterly basis the effect of pumping the well under this permit on other previously existing wells that are located within 2,500 feet of the well under this permit.

Any pumping of water under this permit may be limited or prohibited to prevent any unreasonable adverse effects on an existing domestic well located within 2,500 feet of the well under this permit, unless the holder of this permit and the owner of the domestic well have agreed to alternative measures that mitigate adverse effects.

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 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before:

July 27, 2002

Proof of completion of work shall be filed before:

August 27, 2002

Water must be placed to beneficial use on or before:

July 27, 2006

Proof of the application of water to beneficial use shall be filed on or before:

August 27, 2006

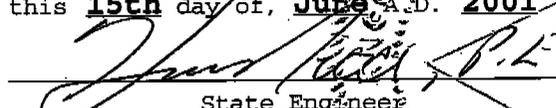
Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, HUGH RICCI, P.E.,

State Engineer of Nevada, have hereunto set
my hand and the seal of my office.

this 15th day of, June A.D. 2001


State Engineer

AUG 30 2002

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed N/A

Certificate No. _____ Issued _____

