

- 9. Estimated cost of works.....\$50,000.00
- 10. Estimated time required to construct works..... 2 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.

Annual consumptive use will be 0 acre-feet. Water to be returned to the same zone from which it is extracted.

Applicant..... Hydrothermal Energy Corporation

By..... s/Marc Pack
 Marc Pack (Site Manager)
 210 Marsh Ave. Suite 105
 Reno, Nevada 89509

Compared..... bc/bl gk/bc

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. 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 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.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed..... 2.5 cubic feet per second, but not to exceed a total of 75 million gallons annually.

Actual construction work shall begin on or before..... N/A

Proof of commencement of work shall be filed before..... N/A

Work must be prosecuted with reasonable diligence and be completed on or before..... August 20, 1982

Proof of completion of work shall be filed before..... September 20, 1982

Application of water to beneficial use shall be made on or before..... August 20, 1985

Proof of the application of water to beneficial use shall be filed on or before..... September 20, 1985

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

Commencement of work filed..... IN TESTIMONY WHEREOF, I PETER G. MORROS
 Completion of work filed..... State Engineer of Nevada, have hereunto set my hand and the seal of
 Proof of beneficial use filed..... my office, this 20th day of AUGUST

Cultural map filed.....
 Certificate No. NOV 27 1985 Issued by A.D. 19 81

CANCELLED BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

[Signature]
 STATE ENGINEER

Rescinded 6/20/88 See Ruling No. 3587

CANCELLED BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
 DEC 27 1993
[Signature]
 STATE ENGINEER