



- 9. Estimated cost of works.....in excess of \$500,000.....
- 10. Estimated time required to construct works.....one year.....
- 11. Estimated time required to complete the application to beneficial use.....ten years.....
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Well to develop geothermal resources

Applicant Phillips Petroleum Company

By s/R. T. Forest  
 R. T. Forest  
 P. O. Box 6256  
 Reno, Nevada 89513

Compared lp/jk 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 production levels to the surface to protect fresh water zones.

This permit is further issued subject to the condition 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.

This permit is further 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 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.

- Actual construction work shall begin on or before July 2, 1981
- Proof of commencement of work shall be filed before August 2, 1981
- Work must be prosecuted with reasonable diligence and be completed on or before July 2, 1982
- Proof of completion of work shall be filed before August 2, 1982
- Application of water to beneficial use shall be made on or before July 2, 1987
- Proof of the application of water to beneficial use shall be filed on or before August 2, 1987
- Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed..... IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN  
 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 2nd day of JANUARY  
 Cultural map filed.....  
 Certificate No..... Issued..... A.D. 1981

219 (Rev.) WITHDRAWN BY AGENT AUG 03 1982  
 Peter L. Morris STATE ENGINEER  
 William J. Newman State Engineer