

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

Date of filing in State Engineer's Office JUN 30 1975

Returned to applicant for correction

Corrected application filed

Map filed JUL 2 1975 under 29514

The applicant Magma Power Company, etal (see attached addendum) 631 So. Witmer St., of Los Angeles California 90017, hereby make 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.) See attached addendum

1. The source of the proposed appropriation is Underground; Vulcan No. 1, well Name of stream, lake or other source.

2. The amount of water applied for is 5 second-feet One second-foot equals 448.83 gals. per min.

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

3. The water to be used for industrial and domestic (Geothermal Evaluation) Irrigation, power, mining, manufacturing, domestic, or other 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 Evaporation or possible reinjection

5. The water is to be diverted from its source at the following point: in the SW 1/4 NW 1/4 section 17,

T.31N., R.48E., M.D.B.&M., from which the North one quarter corner

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

of said section 17 bears N. 34° 46' 29" E., 2753.16 feet.

it should be stated.

6. Place of use NW 1/4 section 17, T.31N., R.48E., M.D.B.&M.

Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about 1 January and end about 31 December, of each year. Day and Month Day and Month

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.) Evaporate in earthen ponds or reinject.

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

9. Estimated cost of works..... \$10,000.00+
10. Estimated time required to construct works..... Three (3) years
11. Estimated time required to complete the application to beneficial use..... Five (5) years  
Production is for evaluation work, etc.
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The water produced will be hot geothermal waters of an unknown mineral content. Production of the water is necessary to evaluate the geothermal energy potential in the area. In the event the well is dry, it will be plugged and abandoned as required.

Applicant..... Magma Power Company, etal

By s/ B. C. McCabe, Jr.  
B. C. McCabe, Jr., Agent  
P. O. Box 384  
Steamboat, Nevada 89436

Compared..... lk/ga..... lk/jw

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 all existing rights on the source. 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 at permittee's well due to other ground water development in the area. A measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water granted herein at any and all times.

The total combined duty of water under this permit and Permits 29514, 29515, 29516, 29518, 29519 and 29520 shall not exceed 3619 acre-feet per year.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 5.0 cubic feet per second but not to exceed 3619 acre-feet annually.

- Actual construction work shall begin on or before..... May 13, 1976
- Proof of commencement of work shall be filed before..... June 13, 1976
- Work must be prosecuted with reasonable diligence and be completed on or before..... May 13, 1977
- Proof of completion of work shall be filed before..... June 13, 1977
- Application of water to beneficial use shall be made on or before..... May 13, 1980
- Proof of the application of water to beneficial use shall be filed on or before..... June 13, 1980
- Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed..... JUL 7 1976

Completion of work filed..... JUL 11 1977

Proof of beneficial use filed.....

Cultural map filed.....

IN TESTIMONY WHEREOF, I ROLAND D. WESTERGARD, State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 13th day of November

Certificate No..... Issued..... A.D. 19 75

Recorded..... Bk..... Page..... JUL 22 1980

BECAUSE OF EMERGENCY  
*Roland D. Westergard*  
State Engineer

CANCELLED County Recorder OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

218 (Rev.) *William J. Yewman* STATE ENGINEER

RE: BEOWAVE GEYSER AREA  
Section 17, T31N, R48E, M.D.B.3M.

ADDITIONAL INFORMATION ON APPLICANTS (etal)

MAGMA POWER COMPANY, a Nevada Corporation, December 15, 1984  
631 So. Witmer St., Los Angeles, California 90017

MAGMA ENERGY, INC., a Nevada Corporation, March 30, 1959  
631 So. Witmer St., Los Angeles, California 90017

PACIFIC GEOTHERMAL FOOD DRECCATION RESEARCH INSTITUTE, a Nevada Nonprofit  
Research Corporation(36.010 et seq.), January 10, 1975  
370 Mira Street, Reno, Nevada 39502

The Dow Chemical Company  
Midland, Michigan

