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JUN 02 2010

Division of Minerals

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 684-7040 : Fax (775) 684-7052

Date Received	
API Number	27-001-90-424
County	Churchill
Permit Number	1142
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant

Magma Energy (U.S.) Corp.

Name (or Corporate/Business Name)

of

Street Address 5355 Kietzke Lane, Suite 100

City Reno State NV Zip Code 89511

hereby makes application for a geothermal development permit, State of Nevada, Division of Minerals.

(If applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

Magma Energy (U.S.) Corp. is a Nevada corporation with an incorporation date of February 26, 2008.

This application is for a Domestic well Commercial well Industrial well

Other, specify: Observation well Thermal Gradient well Re-entry

Note: Re-entry includes workover, deepening, or plugging back operations.

Applicant is: Land Owner Lease Holder

Well Name: 25A-33

Lease Name/No: Truckee-Carson Irrigation District

Land Type: Federal (BLM, USFS, etc.) Private State

Location of Well:

Domestic: Street: 5500 Soda Lake Road

City: Fallon County: Churchill

Commercial and Industrial: NW ¼ of, SW ¼ in Section 33, Township 20N, Range 28E, UTM Northing N; UTM Easting E (Using NAD27 Datum), County Churchill

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

**GEOTHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION
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Operator's Name: AMOR IX, LLC
Address: 5500 Soda Lake Road
City, St Zip: Fallon, NV 89406

Drilling Contractor's Name: ThermaSource Geothermal Consulting and Drilling
Address: 3883 Airway Drive, Suite 340
City, St Zip: Santa Rosa, CA 95403

Rotary Rig Description: See attached Drilling Program.

Hole Size: _____ Casing Size: _____ Weight/Gauge: _____

Estimated Well Head Temperature: See attached Drilling Program.

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:
See attached Drilling Program.

Planned Disposal of Spent Geothermal Fluid:
See attached Drilling Program.

Type and Amount of Bond: Statewide Bond for \$50K
(Exempt for Domestic Class)


Bond Issued by: Wells Fargo Bank Serial No. COID 00825

The Source of the Proposed Geothermal Resource is:
See attached Drilling Program.

(List name of hot spring, geologic formation(s) or other source.)

Total Depth to be Drilled: ~~See attached Drilling Program.~~ 4500 FEET

Drilling will Commence On or Before: July 1, 2010

Signature of Applicant/Agent: 

Date: June 1, 2010

CONDITIONS OF PERMIT

1. All permittees must comply with appropriate sections of the Geothermal Rules and Regulations of the Division of Minerals and with applicable rules and regulations of other local, state, and federal agencies.
2. During the drilling of domestic geothermal wells, all water strata above the geothermal horizon being used must be sealed or separated in order to prevent their contents from passing into other strata.
3. All fresh water and water of value or possible value for other beneficial uses must be confined to their respective strata and be adequately protected by methods approved by the Division. Precautions must be taken in drilling and abandoning wells to guard against any loss of fresh water from the strata in which it occurs, and the contamination of any fresh water by objectionable water.
4. The operator of any well must shut off and exclude all water from any geothermal resource-bearing stratum to the satisfaction of the Division.
5. Additional Conditions

- A. See attached COA.
- B. Under Project Area 911
- C. _____

PERMIT APPROVAL

Approved 6/3/00 with the conditions noted above.
Date

Permit Number 1142

Alan R. Lynn
Administrator
Division of Minerals