

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	<u>4.31.2011</u>
API Number	<u>27-001-90459</u>
County	<u>Churchill</u>
Permit Number	<u>1332</u>
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

AMOR IX, LLC

Street Address 5500 Soda Lake Road

City Fallon State NV Zip Code 89406

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.)

AMOR IX, LLC is a Nevada Foreign Limited Liability Company, filed with the Nevada Secretary of State on August 3, 1988. The Manager of AMOR IX, LLC is Magma Energy (U.S.) Corp.

AMOR IX, LLC was formed on June 28, 1988 in the State of Delaware.

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: 44B-34

Lease Name/No: NVN-011737

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

Location of Well:

Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial: SE $\frac{1}{4}$ of, NW $\frac{1}{4}$ in Section 34,
Township 20N, Range 28E

UTM Datum Used: NAD83 Datum NAD27 Datum
UTM Northing 4382975 N; UTM Easting 342740 E

County Churchill

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

Operator's Name: Soda Lake Resources Partnership

Address: 5500 Soda Lake Road

City, St Zip: Fallon, NV 89406

Drilling Contractor's Name: To be determined

Address: _____

City, St Zip: _____

Rotary Rig Description: Truck-mounted rotary rig

Hole Size: 8 1/2" Casing Size: 7" Weight/Gauge: 23 #/ft.

Estimated Well Head Temperature: n/a

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

The proposed geothermal observation well is for observing the geothermal resource.

Planned Disposal of Spent Geothermal Fluid:

The proposed geothermal observation well will not be flowed.

Type and Amount of Bond: \$50,000 Statewide

(Exempt for Domestic Class)

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

The Source of the Proposed Geothermal Resource is:

Soda Lake geothermal reservoir

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

Total Depth to be Drilled: 4000' max.

Drilling will Commence On or Before: June 1, 2011

Signature of Applicant/Agent: Dick Benoit

Date: 04/21/2011

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's.

B. Under Project Area Permit 911.

C. _____

PERMIT APPROVAL

Approved MAY 12 2011 with the conditions noted above.
Date

Permit Number 1332

Doug Dimes
Deputy Administrator
Division of Minerals