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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  
http://minerals.nv.gov

Date Received	
API Number	27-001-90529
County	Churchill
Permit Number	1411
FOR DIVISION USE ONLY	

**GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION**

Name or Corporate/Business Name  
AMOR IX, LLC

Street Address 136 S. Main, Ste. 600  
City Salt Lake City State UT Zip Code 84101

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 Delaware limited liability company authorized to do business in Nevada (Business Identification Number: NV19881022354). This company was originally a Delaware corporation, AMOR IX Corporation, incorporated on June 28, 1988. It converted from a Delaware corporation to a Delaware limited liability company, AMOR IX, LLC, on October 2, 2008. Effective October 14, 2016, AMOR IX, LLC became successor by merger to Soda Lake Resources Partnership, a Nevada general partnership.

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: 58-34  
Lease Name/No: BLM Lease 11733 (BOR surface) Split Estate?  Yes  No  
Land Type:  Federal (BLM, USFS, etc.)  Private  State

Location of Well:

Domestic: Street: \_\_\_\_\_  
City: \_\_\_\_\_ County: \_\_\_\_\_

Commercial and Industrial:

SW 1/4 of, SE 1/4 in Section 34,  
Township 20 North, Range 28 East,

UTM Northing 4379205.86 N; UTM Easting 342967.0 E (NAD83 Datum)

County Churchill

(If applicable, give street address below.)

Street: 5500 Soda Lake Rd.  
City: Fallon  
State: Nevada Zip: 89406

Operator's Name: AMOR IX, LLC  
Address: 136 S. Main, Ste. 600  
City, St Zip: Salt Lake City, Utah 84101

Drilling Contractor's Name: (Already drilled In 1980) Anderson Drilling Co. Rig #2  
Address: unknown  
City, St Zip: unknown

Rotary Rig Description: Our records Indicate "Rotary"

Hole Size: 9 7/8" Casing Size: 7" Weight/Gauge: J-55

Estimated Well Head Temperature: < 250 deg. F

Size of BOP:  2000 psi  3000 psi  5000 psi

Planned Use of Geothermal Resource:

Observation Well. (Note re BOP: our records indicate a 30 minute test at 750 psi, so we estimate BOP to be 2000 psi)

Planned Disposal of Spent Geothermal Fluid:

Observation Well

Type and Amount of Bond: Statewide (\$50K) No. RLB0015954  
(Exempt for Domestic Class)

Bond Issued by: RLI Surety Serial No. (none listed on the bond)

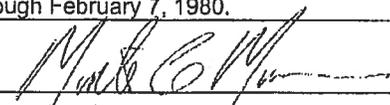
The Source of the Proposed Geothermal Resource is:

Soda Lake Field

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

Total Depth to be Drilled: 3,500'

Drilling will Commence On or Before: Drilling took place January 15 through February 7, 1980.

Signature of Applicant/Agent:   
Date: November 4, 2016

Please attach a detailed drilling program including the following information:

1. Well design schematic; casing and mud programs; potential water supply; drilling rig to be used and pad layout; blow out prevention equipment diagram and testing program; directional drilling information if applicable; map of location and access roads. Additional information may be required upon review.
2. The required fee per NAC 534A 210 or 534A.212.

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. See attached Conditions of Approval.
6. Please send daily drilling reports to : Lowell Price.....[lprice@minerals.nv.gov](mailto:lprice@minerals.nv.gov)  
and  
Linda Wells.....[lwells@minerals.nv.gov](mailto:lwells@minerals.nv.gov)
7. Additional Conditions/Comments

A.	
B.	
C.	

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

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**PERMIT APPROVAL**

Approved 11/4/2016 with the conditions noted above.  
Date

Permit Number 1411

  
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Administrator  
Division of Minerals