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OCT 24 2014

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	27-001-90512
County	Churchill
Permit Number	1371
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Enel Salt Wells, LLC

Street Address 1755 E. Plumb Lane, Suite 155

City Reno State NV Zip Code 89502

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.)

Organization report on file with NDOM

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: 16A-36

Lease Name/No: NVN-077272 Split Estate? Yes No

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

Location of Well:

Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial:

NW _____ ¼ of, SW _____ ¼ in Section 36
Township 17N _____, Range 30E _____

UTM Northing 4349950 N; UTM Easting 364308 E (NAD83 Datum)

County Churchill

(If applicable, give street address below.)

Street: _____
City: _____
State: _____ Zip: _____

Operator's Name: Enel Salt Wells, LLC
Address: 1755 E. Plumb Lane, Suite 155
City, St Zip: Reno, Nv 89502

Drilling Contractor's Name: Leach Drilling, Inc.
Address: 3100 Hope Ave.
City, St Zip: Silver Springs, NV 89429

Rotary Rig Description: Top Drive-Rubber Tire Mounted

Hole Size: 12-1/4" Casing Size: 9-5/8" Weight/Gauge: 40 lb/ft

Estimated Well Head Temperature: 290

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Well will be used as observation well only to develop additional data on the well field

Planned Disposal of Spent Geothermal Fluid:

A small onsite pit will be constructed to contain drill cuttings during drilling and will be reclaimed following well completion.

Type and Amount of Bond: BLM Statewide-\$50,000
(Exempt for Domestic Class)

Bond Issued by: Bank of America Serial No. NVB000417

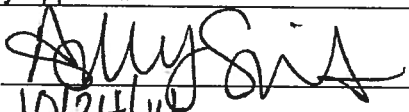
The Source of the Proposed Geothermal Resource is:

Basalt lithology in Salt Wells KGRA

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

Total Depth to be Drilled: 1,000 (plus or minus) Feet

Drilling will Commence On or Before: October 27, 2014 on Agency Approval

Signature of Applicant/Agent: 
Date: 10/24/14

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@govmail.state.nv.us
and
Lindalwells@govmail.state.nv.us
7. Additional Conditions/Comments


A.	<i>Under Project Area Permit 564</i>
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.

PERMIT APPROVAL

Approved 10/24/2014 with the conditions noted above.
Date

Permit Number 1371



Deputy Administrator
Division of Minerals