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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

Date Received
API Number 27-001-90513
County Churchill
Permit Number 1374
FOR DIVISION USE ONLY

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Enel Salt Wells, LLC

Street Address 1755 East 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 [X] 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 [X] Lease Holder
Well Name: 16B-36 (PW-7)
Lease Name/No: BLM/ NVN-77272 Split Estate? [ ] Yes [X] No
Land Type: [X] Federal (BLM, USFS, etc.) [ ] Private [ ] State

Location of Well:

Domestic: Street:
City: County:

Commercial and Industrial:

NW 1/4 of, SW 1/4 in Section 36
Township 17N, Range 30E

UTM Northing 4350181 N; UTM Easting 364190 E (NAD83 Datum)

County Churchill

(If applicable, give street address below.)

Street:
City:
State: Zip:

Operator's Name: Enel Salt Wells, LLC

Address: 1755 East Plumb Lane, Suite #155

City, St Zip: Reno, NV 89502

Drilling Contractor's Name: TBD

Address: \_\_\_\_\_

City, St Zip: \_\_\_\_\_

Rotary Rig Description: TBD

Hole Size: 17½ Casing Size: 13¾ Weight/Gauge: 68ppf

Estimated Well Head Temperature: 290°F

Size of BOP:  2000 psi  3000 psi  5000 psi

Planned Use of Geothermal Resource:

Production well will be used to support electrical generation at the Salt Wells geothermal power plant.

Planned Disposal of Spent Geothermal Fluid:

Spent geothermal fluid will be disposed by use of existing injection wells in compliance with NDEP UIC permit UNEV2005214

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

Bond Issued by: Bank of America Serial No. NVB000417

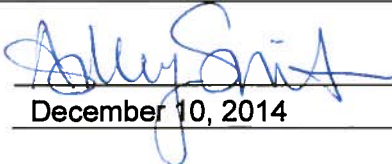
The Source of the Proposed Geothermal Resource is:

Salt Wells KGRA

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

Total Depth to be Drilled: ± 700 feet

Drilling will Commence On or Before: January 2015

Signature of Applicant/Agent: 

Date: December 10, 2014

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 .....[lwells@minerals.nv.gov](mailto:lwells@minerals.nv.gov)
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.

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**PERMIT APPROVAL**

Approved 1/14/2015 with the conditions noted above.  
Date

Permit Number 1374

  
Deputy Administrator  
Division of Minerals