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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 27-001-90472
County Churchill
Permit Number 1246
FOR DIVISION USE ONLY

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Enel Stillwater, 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 [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: 23A-29

Lease Name/No: Stillwater Farms, Inc.

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

Location of Well:

Domestic: Street:
City: County:

Commercial and Industrial:

SW 1/4 of, NW 1/4 in Section 29
Township 20N, Range 31E

UTM Northing 4381334 N; UTM Easting 368335 E (Using NAD27 Datum)

\*\*Note: Please convert UTM's from NAD83 to NAD27\*\*

County Churchill

(If applicable, give street address below.)

Street:
City:
State: Zip:

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

Drilling Contractor's Name: TBD-will notify NDOM once contract is awarded  
Address: \_\_\_\_\_  
City, St Zip: \_\_\_\_\_

Rotary Rig Description: Top drive, rubber tire mounted

Hole Size: 12.25" Casing Size: 9.625" Weight/Gauge: 40 lb/ft

Estimated Well Head Temperature: 300 F

Size of BOP:  2000 psi  3000 psi  5000 psi

Planned Use of Geothermal Resource:

Well production will be used to support electrical production at geothermal power plant.

Planned Disposal of Spent Geothermal Fluid:

Spent geothermal fluid will be disposed of in compliance with NDEP UIC permit UNEV70013.

Type and Amount of Bond: \$100,000 certificate of deposit  
(Exempt for Domestic Class)

Bond Issued by: Bank of America Serial No. 65303300126935

The Source of the Proposed Geothermal Resource is:

Fault structure located in Stillwater KGRA

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

Total Depth to be Drilled: 7000 +/- Ft.

Drilling will Commence On or Before: During Qtr. 1, 2012

Signature of Applicant/Agent: \_\_\_\_\_

Date: October 31, 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.

B. Under Project Area Permit 579

C. Send daily drilling reports to  
Lorel Price @ lprice@govmail.state.nv.us and  
Linda @ lwells@govmail.state.nv.us.

**PERMIT APPROVAL**

Approved 11/8/11 with the conditions noted above.  
Date

Permit Number 1366

Alan R. Bryan  
Administrator  
Division of Minerals