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MAY 31 2011

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	27-027-96035
County	Pershing
Permit Number	1258
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant

Ormat Nevada, Inc.

Name (or Corporate/Business Name)

of

Street Address 6225 Neil Road

City Reno State NV Zip Code 89511

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.)

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: 75-31

Lease Name/No: NVN - 074276

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

Location of Well:

Domestic: Street: _____

City: _____ County: _____

Commercial and Industrial: NE ¼ of, SE ¼ in Section 31,

Township 32N, Range 39E,

UTM Northing 446800.8 N; UTM Easting 4494926.4 E (Using NAD27 Datum)

County Pershing

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION
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Operator's Name: Ormat Nevada, Inc.
Address: 6225 Neil road
City, St Zip: Reno, NV, 89511

Drilling Contractor's Name: Geo-Drill
Address: 4782 Hwy 111
City, St Zip: Brawley, CA 92227

Rotary Rig Description: _____

Hole Size: 8.5" Casing Size: 7.0" Weight/Gauge: K-55

Estimated Well Head Temperature: N/A

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Exploration core hole for electrical generation purposes.

Planned Disposal of Spent Geothermal Fluid:

Reserve Pit

Type and Amount of Bond: BLM Statewide Bond @ \$50,000 NDOM bond \$75,000
(Exempt for Domestic Class)

Bond Issued by: Bank of America CD (NDOM) Serial No. BLM 284

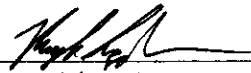
The Source of the Proposed Geothermal Resource is:

Leach Hot Springs

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

Total Depth to be Drilled: +/- 3500'

Drilling will Commence On or Before: 6/20/11

Signature of Applicant/Agent: 
Date: 5/26/11

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. Filing of report of completion & well logs shall be submitted within 30 days to NSDM.
- C. File daily drilling reports to NSDM via e-mail to Lowell@dmr.nv.gov. Linda Carrick

PERMIT APPROVAL

Approved August 26, 2011 with the conditions noted above.
Date

Permit Number 1258

Doug Driesner
Deputy Administrator
Division of Minerals