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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	27-001-92455
County	Churchill
Permit Number	1209
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.)

[Empty box for incorporation/partnership details]

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: 77-27

Lease Name/No: NVN - 086894

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

Location of Well:

Domestic: Street: _____

City: _____ County: _____

Commercial and Industrial: SE ¼ of, SE ¼ in Section 27,

Township 20N, Range 37E,

UTM Northing 4379907.5 N; UTM Easting 431375.8 E (Using NAD27 Datum)

County Churchill

(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: Major Drilling America
Address: 2200 South 4000 West
City, St Zip: Salt Lake City, UT 84120

Rotary Rig Description: _____

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

Estimated Well Head Temperature: N/A

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Temperature gradient hole for exploration purposes.

Planned Disposal of Spent Geothermal Fluid:

None Produced

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:

Edward's Creek Valley

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

Total Depth to be Drilled: 1000 ft.

Drilling will Commence On or Before: 3/14/2011

Signature of Applicant/Agent: 
Date: 3-8-11

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.

C.

PERMIT APPROVAL

Approved MARCH 19 2011 with the conditions noted above.
Date

Permit Number 1209

Doug Driscoll
Deputy Administrator
Division of Minerals