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AUG 11 2009

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	21-001-90431
County	Churchill
Permit Number	1152
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: 11-32

Lease Name/No: Bunejug NVN-079104

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

Location of Well:

Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial: NW ¼ of, NW ¼ in Section 32,
Township T18N, Range 30E
UTM Northing 358105 N; UTM Easting 4360767 E (Using NAD27 Datum)
County Churchill

(If applicable, give street address below.)

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

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

Drilling Contractor's Name: Geo Drill
Address: P.O. Box 177 4782 HWY 111
City, St Zip: Brawley Ca 92836 (760)344-5570 F(760)344-5575

Rotary Rig Description: _____

Hole Size: 36" Casing Size: 30" Weight/Gauge: .375 PEBFW

Estimated Well Head Temperature: 300+/-

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Geothermal Exploration Well

Planned Disposal of Spent Geothermal Fluid:

Reserve Pit

Type and Amount of Bond: CD @\$75,000 BLM statewide bond @50,000 #284
(Exempt for Domestic Class)

Bond Issued by: Bank of America Serial No. _____

The Source of the Proposed Geothermal Resource is:

Carson Lake area

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

Total Depth to be Drilled: 1,500'

Drilling will Commence On or Before: August 2009

Signature of Applicant/Agent: _____

Date: 8-4-09

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 Proxy of Area Permit 777.
- C. _____

PERMIT APPROVAL

Approved July 23 2010 with the conditions noted above.
Date

Permit Number 1152

Doug Dison
Deputy Administrator
Division of Minerals