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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	27-015-9011
County	Lander
Permit Number	1115
FOR DIVISION USE ONLY	

GEOTHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant
Ormat Nevada

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 ^{with?}

Well Name: ~~57b(P)-22R~~ 57C-22 PA 901

Lease Name/No: Lancaster

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

Location of Well:

Domestic: Street: Project Area #901

City: County: Lander

Commercial and Industrial: SW ¼ of, SE ¼ in Section 22,

Township 20N, Range 45E,

County Lander

(If applicable, give street address below.)

Street: Lander E508370.7 N4380909 NAD83 Zone 11

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, Nevada 89511

Drilling Contractor's Name: Geo-Drill

Address: 4782 Hwy 111 Brawley

City, St Zip: Brawley, CA 92227

Rotary Rig Description: Rotary

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

Estimated Well Head Temperature: 400 +/- F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Geothermal electric energy production

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:

McGinness Hills

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

Total Depth to be Drilled: +/- 6000'

Drilling will Commence On or Before: April 1, 2010

Signature of Applicant/Agent: 

Date: 2/8/2010

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 901,
- C. _____

PERMIT APPROVAL

Approved 2/10/10 with the conditions noted above.
Date

Permit Number 1115

Alan R. Lynn
Administrator
Division of Minerals