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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	97-015-90118
County	Lander
Permit Number	1370
FOR DIVISION USE ONLY	

GEOTHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Ormat Nevada Inc.

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: 36A-10

Lease Name/No: McGinness Hills

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

Location of Well:

Domestic: Street: _____

City: _____ County: _____

Commercial and Industrial: SW _____ 1/4 of, SW _____ 1/4 in Section 10 _____

Township 20N _____, Range 45E _____

UTM Datum Used:	<input checked="" type="checkbox"/> NAD83 Datum	<input type="checkbox"/> NAD27 Datum
UTM Northing	4383900.	N; UTM Easting 507700. E

County Lander

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

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 92836

Rotary Rig Description: Rotary

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

Estimated Well Head Temperature: 320

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:
Geothermal Power Production

Planned Disposal of Spent Geothermal Fluid:
Injection

Type and Amount of Bond: CD \$75,000
(Exempt for Domestic Class)

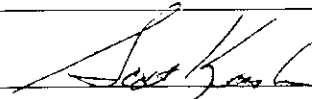
Bond Issued by: B of A Serial No. _____

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: 4000'

Drilling will Commence On or Before: 10/01/2011

Signature of Applicant/Agent: 
Date: 9/21/2011

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 901.
- C. Exp'd Dairy drilling reports to
Source Piece at 1 price @ gov mail. STATE. NV. US
and Area at 1 wells @ gov mail. STATE. NV. US.

PERMIT APPROVAL

Approved 11/9/11 with the conditions noted above.
Date

Permit Number 1270

Alan R. Lyman
Administrator
Division of Minerals