

RECEIVED

JUN 29 2012

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 22-001-90502
County Churchill
Permit Number 1329
FOR DIVISION USE ONLY

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

ORNI 32

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: [x] Observation well [] Thermal Gradient well [] Re-entry

Note: Re-entry includes workover, deepening, or plugging back operations.

Applicant is: [] Land Owner [x] Lease Holder

Well Name: 11-17

Lease Name/No: Dixie Hope

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

Location of Well:

Domestic: Street: City: County:

Commercial and Industrial:

NW 1/4 of, NW 1/4 in Section 17, Township 22N, Range 35E

UTM Northing 4403961 N; UTM Easting 407726 E (Using NAD27 Datum)

Note: Please convert UTM's from NAD83 to NAD27

County Churchill

(If applicable, give street address below.)

Street: City: State: Zip:

Operator's Name: ORNI 32

Address: 6225 Neil Road

City, St Zip: Reno, Nv. 89511

Drilling Contractor's Name: GeoDrill

Address: 4782 Hwy 111

City, St Zip: Brawley, Ca 92227

Rotary Rig Description: _____

Hole Size: 8 1/2 Casing Size: 6" Weight/Gauge: #40 Grade B PEBFW

Estimated Well Head Temperature: 350

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Exploration drilling

Planned Disposal of Spent Geothermal Fluid:

Reserve pit

Type and Amount of Bond: BLM nation wide bond 150K NDOM bond \$75,000
(Exempt for Domestic Class)

Bond Issued by: BofA CD Serial No. _____

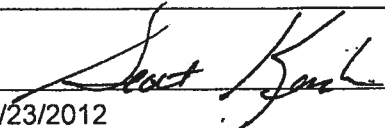
The Source of the Proposed Geothermal Resource is:

Geothermal lease

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

Total Depth to be Drilled: 4,000'

Drilling will Commence On or Before: July 2012

Signature of Applicant/Agent: 
Date: 4/23/2012

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. See attached Conditions of Approval.
6. Please send daily drilling reports to : Lowell Price.....lprice@govmail.state.nv.us
and
Lindalwells@govmail.state.nv.us
7. Additional Conditions/Comments

A.	<i>Under Project Area Permit 1299.</i>
B.	
C.	

PERMIT APPROVAL

Approved 2/22/13 with the conditions noted above.
Date

Permit Number 1329



Administrator
Division of Minerals