

RECEIVED

MAR 28 2011

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	27-013-90131
County	Humboldt
Permit Number	1325
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name
Nevada Geothermal Power Company

Street Address 900-409 Granville Street
City Vancouver State BC, CANADA Zip Code V7C 1T2

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.)

N/A

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: 57-23
 Lease Name/No: BNSF Lease No. 187556
 Land Type: Federal (BLM, USFS, etc.) Private State

Location of Well:

Domestic: Street: N/A
 City: County:

Commercial and Industrial: SE ¼ of, SW ¼ in Section 23,
 Township 36N, Range 34E MDB&M,

UTM Datum Used:	<input type="checkbox"/> NAD83 Datum	<input checked="" type="checkbox"/> NAD27 Datum
UTM Northing	4536479	N; UTM Easting 404941 E

County Humboldt

(If applicable, give street address below.)

Street: N/A
 City:
 State: Zip:

Operator's Name: NGP Blue Mountain I LLC
Address: 595 Double-Eagle Court, Suite 2001
City, St Zip: Reno, NV 89521

Drilling Contractor's Name: To be determined
Address: _____
City, St Zip: _____

Rotary Rig Description: Top drive mud rotary / reverse circulation air / flooded reverse

Hole Size: 17-1/2", 12-1/4", 7-7/8" Casing Size: 13-3/8" 8-5/8", 2-3/8" Weight/Gauge: 54.5#, 22.36#/.250W, 3.65#/.154W

Estimated Well Head Temperature: 200F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

To map the aerial distribution of the thermal anomaly.

Planned Disposal of Spent Geothermal Fluid:

Any fluid will be contained in a reserve pit adjacent to the drill hole.

Type and Amount of Bond: \$50,000 Statewide Bond (NDOM)
(Exempt for Domestic Class)

Bond Issued by: Nevada Geothermal Power Company Serial No. cheque #101567

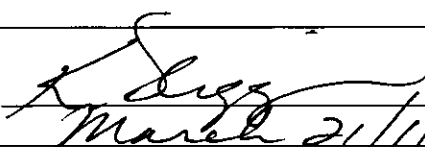
The Source of the Proposed Geothermal Resource is:

Metasedimentary rocks of the Triassic Age.

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

Total Depth to be Drilled: 3000'

Drilling will Commence On or Before: May 1, 2011

Signature of Applicant/Agent: 
Date: March 21/11.

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 CCD.

B. Under Project Area Permit 605

C. _____

PERMIT APPROVAL

Approved APRIL 6 2011 with the conditions noted above.
Date

Permit Number 1225

Doug Driscoll
Administrator
Division of Minerals