

RECEIVED

MAR 02 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	27-013-90123
County	Humboldt
Permit Number	1193
FOR DIVISION USE ONLY	

GEOTHERMAL 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: TG-20  
 Lease Name/No: N-80086  
 Land Type:  Federal (BLM, USFS, etc.)  Private  State

Location of Well:

Domestic: Street: N/A  
 City: County:

Commercial and Industrial: SE ¼ of, NW ¼ in Section 16,  
 Township 36N, Range 34E MDB&M

UTM Datum Used:	<input type="checkbox"/> NAD83 Datum	<input checked="" type="checkbox"/> NAD27 Datum
UTM Northing	4538768	N; UTM Easting 401340 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

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

Estimated Well Head Temperature: 150F

Size of BOP: N/A  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 (BLM)  
(Exempt for Domestic Class)

Bond Issued by: Nevada Geothermal Power Company Serial No. NVB 000504

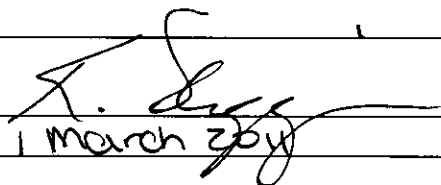
The Source of the Proposed Geothermal Resource is:

Metasedimentary rocks of the Triassic Age.

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

Total Depth to be Drilled: 1000'

Drilling will Commence On or Before: May 1, 2011

Signature of Applicant/Agent:   
Date: 1 March 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 605 - Blue Mountain.

C. \_\_\_\_\_

**PERMIT APPROVAL**

Approved 3/10/11 with the conditions noted above.  
Date

Permit Number 1198

Alan R. [Signature]  
Administrator  
Division of Minerals