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MAR 31 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

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|-----------------------|--------------|
| Date Received | |
| API Number | 27-001-90456 |
| County | Churchill |
| Permit Number | 1210 |
| 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.)

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| N/A |
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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: 15-31
Lease Name/No: NLRC 189099
Land Type: Federal (BLM, USFS, etc.) Private State

Location of Well:

Domestic: Street: N/A
City: County:

Commercial and Industrial: NW ¼ of, SW ¼ in Section 31
Township 24N, Range 25E MDB&M

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| UTM Datum Used: <input type="checkbox"/> NAD83 Datum <input checked="" type="checkbox"/> NAD27 Datum |
| UTM Northing 4419349 N; UTM Easting 309863 E |

County Churchill

(If applicable, give street address below.)

Street: N/A
City:
State: Zip:

Operator's Name: NGP North Valley Inc
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
17-1/2", 12-1/4", 6-1/4" 13-3/8", 8-5/8", 2-3/8" 54.5#, 22.36#/.25W, 3.65#/.154W
Hole Size: _____ Casing Size: _____ Weight/Gauge: _____

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)

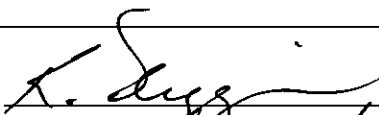
Bond Issued by: Nevada Geothermal Power Company Serial No. cheque # 101567

The Source of the Proposed Geothermal Resource is:
Within volcanic, metasedimentary, and igneous intrusive rocks of variable ages.

(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 30/11.

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 COA.

- B. _____

- C. _____

PERMIT APPROVAL

Approved APRIL 1 2011 with the conditions noted above.
Date

Permit Number 1210

Doug Dinesen
Deputy Administrator
Division of Minerals