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OCT 06 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	27-031-90266
County	Washoe
Permit Number	1177
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant

Gerlach Geothermal LLC

Name (or Corporate/Business Name)

of

Street Address P.O. Box 135

City Gerlach State NV Zip Code 89412

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.)

Limited Liability Corporation in the State of Delaware, April 28, 2008

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: 18-10A

Lease Name/No: NVN-075228

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

Location of Well:

Domestic: Street: _____

City: _____ County: _____

Commercial and Industrial: SW _____ ¼ of, SW _____ ¼ in Section 10 _____,

Township 32N _____, Range 23E _____,

UTM Northing 4504110 N; UTM Easting 299689 E (Using NAD27 Datum)

County Washoe

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION
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Operator's Name: Gerlach Geothermal LLC

Address: P.O. Box 135

City, St Zip: Gerlach, NV 89412

Drilling Contractor's Name: Strata Drilling

Address: 309 Park Avenue

City, St Zip: Nyssa, OR 97913

Rotary Rig Description: See Attached

Hole Size: See Casing Size: Attach Weight/Gauge: Figure 1

Estimated Well Head Temperature: 265°F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Power generation

Planned Disposal of Spent Geothermal Fluid:

N/A

Type and Amount of Bond: \$10,000

(Exempt for Domestic Class)

Bond Issued by: To be provided Serial No. _____

The Source of the Proposed Geothermal Resource is:

Gerlach KGRA

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

Total Depth to be Drilled: 3000'+/-

Drilling will Commence On or Before: October 10, 2011

Signature of Applicant/Agent: 

Date: October 4, 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 C.A.S.

- B. _____

- C. _____

PERMIT APPROVAL

Approved 11/4/11 with the conditions noted above.
Date

Permit Number 1177



Administrator
Division of Minerals