

RECEIVED

AUG 16 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	27-031-90272
County	Washoe
Permit Number	1257
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant

The Department of Veterans Affairs (VA)

Name (or Corporate/Business Name)

of

Street Address 1000 Locust Street

City Reno State NV Zip Code 89502

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.)

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: Geothermal Production 002

Lease Name/No: _____

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

Location of Well:

Domestic: Street: _____

City: _____ County: _____

Commercial and Industrial: SE ¼ of, NW ¼ in Section 13,
Township Reno 19N, Range 19E,
UTM Northing 4377688 N; UTM Easting 259283 E (Using NAD27 Datum)
County Washoe

(If applicable, give street address below.)

Street: 1000 Locust St (South of Building 7)

City: Reno

State: NV Zip: 89502

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION
PAGE 2

Operator's Name: Department of Veterans Affairs

Address: 1000 Locust Street

City, St Zip: Reno, NV 89502

Drilling Contractor's Name: Trinity Exploration

Address: 207 S Osborne Ave

City, St Zip: Gillette, WY 82716

Rotary Rig Description: Taylor RT4000M

Hole Size: 12 in. Casing Size: 9 in. Weight/Gauge: 40#

Estimated Well Head Temperature: 150 F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Direct-Use Heating

Planned Disposal of Spent Geothermal Fluid:

Off-Site disposal at approved facility

Type and Amount of Bond: N/A

(Exempt for Domestic Class)

Bond Issued by: _____ Serial No. _____

The Source of the Proposed Geothermal Resource is:

Moana Hot Springs

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

Total Depth to be Drilled: 4500 feet

Drilling will Commence On or Before: August 8 2011

Signature of Applicant/Agent: 

Date: July 12, 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. _____

B. _____

C. _____

PERMIT APPROVAL

Approved AUGUST 22 2011 with the conditions noted above.
Date

Permit Number 1257

Doug Driesman
Deputy Administrator
Division of Minerals