

RECEIVED

DEC 17 2014

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	12/18/2014
API Number	27-011-90031
County	EUREKA
Permit Number	1373
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

U.S. Geothermal Inc.

Street Address 390 East Park Center Blvd. Suite 250

City Boise State ID Zip Code 83706

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.)

Incorporated in Idaho
February 26, 2002

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: 67-3 (CVP-001)

Lease Name/No: Filippini Lease Split Estate? Yes No

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

Location of Well:

Domestic: Street: N/A

City: County:

Commercial and Industrial:

SW 1/4 of, SE 1/4 in Section 03
Township 28 N, Range 49 E

UTM Northing 4463440 N; UTM Easting 548318 E (NAD83 Datum)

County Eureka County

(If applicable, give street address below.)

Street: 10.3 road miles East of Hwy 306 on Danna Rd.

City:

State: Zip:

Operator's Name: U.S. Geothermal Inc.
Address: 390 East Park Center Blvd. Ste. 250
City, St Zip: Boise, ID 83708

Drilling Contractor's Name: Wellsco
Address: 7788 Woolery Way
City, St Zip: Fallon, NV 89406 (775) 423-6619

Rotary Rig Description: TXD Schramm 130 Rotary

Hole Size: 12-1/4" Casing Size: 10-3/4 Weight/Gauge: 40.5/J55

Estimated Well Head Temperature: 300F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Commercial geothermal power plant operations

Planned Disposal of Spent Geothermal Fluid:

All drilling mud and excess water will be retained on site in the reserve pit.

Type and Amount of Bond: \$10,000 cash bond
(Exempt for Domestic Class)

Bond Issued by: U.S. Geothermal Inc. Serial No. Check #

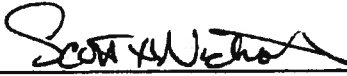
The Source of the Proposed Geothermal Resource is:

Crescent Valley Fault

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

Total Depth to be Drilled: 3500

Drilling will Commence On or Before: December 31, 2014

Signature of Applicant/Agent: 
Date: 12/16/14

Please attach a detailed drilling program including the following information:

1. Well design schematic; casing and mud programs; potential water supply; drilling rig to be used and pad layout; blow out prevention equipment diagram and testing program; directional drilling information if applicable; map of location and access roads. Additional information may be required upon review.
2. The required fee per NAC 534A 210 or 534A.212.

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. See attached Conditions of Approval.
6. Please send daily drilling reports to : Lowell Pricelprice@minerals.nv.gov
and
Lindalwells@minerals.nv.gov
7. Additional Conditions/Comments

A.	
B.	
C.	

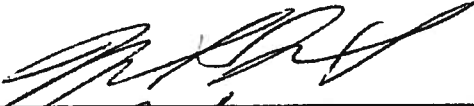
This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

PERMIT APPROVAL

Approved 12/18/2014 with the conditions noted above.
Date

Permit Number 1373



Deputy Administrator
Division of Minerals