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DEC 17 2013

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	27-001-90509
County	Churchill
Permit Number	1351
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Kathy Mort

Street Address 4020 Freeman Lane

City Fallon State NV Zip Code 89406-9009

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.)

[Empty box for incorporation/partnership details]

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: Production Well 2

Lease Name/No: Split Estate? Yes No

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

Location of Well:

Domestic: Street: 4020 Freeman Lane

City: Fallon, NV 89406-9009 County: Churchill

Commercial and Industrial:

SE 1/4 of SW 1/4 in Section 6
Township 19N, Range 31E

UTM Northing 4377263 N; UTM Easting 366682 E (NAD83 Datum)

County

(If applicable, give street address below.)

Street:

City:

State:

Zip:

Operator's Name: Kathy Mort
Address: 4020 Freeman Lane
City, St Zip: Fallon, NV 89406-9009

Drilling Contractor's Name: Unknown
Address: _____
City, St Zip: _____

Rotary Rig Description: Water well rig

Hole Size: Unknown Casing Size: 3.00 Weight/Gauge: N/A

Estimated Well Head Temperature: 175° F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Space heating and domestic use

Planned Disposal of Spent Geothermal Fluid:

All fluids, other than domestic use, will be reinjected into Injection Well - 1.

Type and Amount of Bond: Exempt
(Exempt for Domestic Class)

Bond Issued by: _____ Serial No. _____

The Source of the Proposed Geothermal Resource is:

Upper Stillwater geothermal reservoir

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

Total Depth to be Drilled: 230 feet

Drilling will Commence On or Before: Well completed in 1945

Signature of Applicant/Agent: Kathy I. Mort

Date: 12/10/13

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 Price.....lprice@govmail.state.nv.us
and
Lindalwells@govmail.state.nv.us
7. Additional Conditions/Comments

A.	ALL FLUIDS, OTHER THAN FLUIDS USED FOR DOMESTIC USE, MUST BE REINJECTED.
B.	
C.	

PERMIT APPROVAL

Approved 1-7-2011 with the conditions noted above.
Date

Permit Number 1351



Administrator
Division of Minerals