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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	21-001-90508
County	Churchill
Permit Number	1350
FOR DIVISION USE ONLY	

GEOHERMAL INJECTION WELL PERMIT APPLICATION

The applicant
Kathy Mort

Name (or Corporate/Business Name)
of

Street Address 4020 Freeman Lane
City Fallon State NV Zip Code 89406-9009
Telephone _____
Email _____

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.

Applicant is: Land Owner Lease Holder
Well Name: Injection 1
Lease Name/No: _____ Split Estate? Yes No
Land Type: Federal (BLM, USFS, etc.) Private State
Type and Amount of Bond: Exempt
(Exempt for Domestic Class)

Bond Issued by: _____
Serial No. _____

Well Location: SE 1/4, SW 1/4, Section 6

Township 19N, Range 31E, County Churchill

UTM Northing 4377264 N; UTM Easting 366701 E (NAD83 Datum)

Operator's:

Name: Kathy Mort

Address: 4020 Freeman Lane

City, St Zip: Fallon, NV 89406-9009

Drilling Contractor's:

Name: Parsons Drilling
Address: P.O. Box 1265
City, St Zip: Fallon, NV 89407-1265
Telephone: _____

Hole Size: 9.625 Casing Size: 6.00 Weight/Gauge: N/A

Size of BOP: 2000 psi 3000 psi 5000 psi

Rotary Description:

Water well rig

Identify or locate the sources of the fluids which will be injected:

Upper Stillwater geothermal reservoir

Estimated average daily volume of fluids injected N/A gallons.

Maximum daily volume of fluids injected N/A gallons.

Estimated maximum injected pressure N/A psi, temperature 175 °F

List proposed metering equipment, pipelines and safety devices that will be used to prevent accidental pollution:

Total Depth to be Drilled: 300 feet

Drilling will Commence On: Already drilled

Is this well location under an Underground Injection Permit?

If so, provide NDEP Permit number UNEV No permit required

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this application has been omitted.

Signature of Applicant/Agent: Kathy L. Mort
Date: 12/16/13

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 geothermal injection 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 1-7-2014 with the conditions noted above.
Date

Permit Number 1350



Administrator
Division of Minerals