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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	<u>22001-905071</u>
County	<u>Churchill</u>
Permit Number	<u>1349</u>
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Ben and Candy Peck

Street Address 4500 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 1

Lease Name/No: _____ Split Estate? Yes No

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

Location of Well:

Domestic: Street: 4500 Freeman Lane
City: Fallon, NV 89406-9009 County: Churchill

Commercial and Industrial:

NW _____ ¼ of, SW _____ ¼ in Section 6,
Township 19N, Range 31E

UTM Northing 4377862 N; UTM Easting 366675 E (NAD83 Datum)

County _____

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

Operator's Name: Ben and Candy Peck
Address: 4500 Freeman Lane
City, St Zip: Fallon, NV 89406-9009

Drilling Contractor's Name: Welsco
Address: P.O. Box 888
City, St Zip: Fallon, NV 89406

Rotary Rig Description: Water well rig

Hole Size: _____ Casing Size: _____ Weight/Gauge: _____

Estimated Well Head Temperature: _____

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: 246 feet

Drilling will Commence On or Before: Well completed on 5-28-2012

Signature of Applicant/Agent: Candy K Peck
Date: DEC 16 2013

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 1-7-14 with the conditions noted above.
Date

Permit Number 1349



Administrator
Division of Minerals