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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	27-001-90458
County	Churchill
Permit Number	1212
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

The applicant

TGP Dixie Development Company, LLC

Name (or Corporate/Business Name)

of

Street Address 9590 Prototype Court, Suite 200

City Reno State NV Zip Code 89521

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 the State of Delaware on November 14, 2008 with TGP Development Company, LLC the sole member.

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: 58-22 TCH

Lease Name/No: N-17283A

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

Location of Well:

Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial: SW ¼ of, SE ¼ in Section 22,
Township 24 N, Range 36 E

UTM Datum Used:	<input checked="" type="checkbox"/> NAD83 Datum	<input type="checkbox"/> NAD27 Datum
UTM Northing	4420113.	N; UTM Easting 421687. E

County Churchill

(If applicable, give street address below.)

Street: _____

City: _____

State: _____ Zip: _____

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION
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Operator's Name: TGP Dixie Development Company, LLC
Address: 9590 Prototype Court, Suite 200
City, St Zip: Reno, NV 89521

Drilling Contractor's Name: Welsco/ Rocket Drillco.
Address: _____
City, St Zip: Fallon, Nevada

Rotary Rig Description: Truck Mounted Single/ Core rig

Hole Size: 6 1/6" Casing Size: 4-1/2" Weight/Gauge: 10.5# / K-55

Estimated Well Head Temperature: 325 - 350 F

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:
Power production under utility power sales contract

Planned Disposal of Spent Geothermal Fluid:
Injection

Type and Amount of Bond: \$150,000 BLM Nationwide Bond #NV0577, Rider
(Exempt for Domestic Class)

Bond Issued by: US Bank Serial No. 353703583859

The Source of the Proposed Geothermal Resource is:
underground, below 6,500'

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

Total Depth to be Drilled: Rotary to 4,500', Core to 9,500'

Drilling will Commence On or Before: 05/1/2011

Signature of Applicant/Agent: *Wesley Miller*

Date: 03/28/2011 *Revised*

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. See attached COA.
- B. Under Project Area Permit 1140
- C. _____

PERMIT APPROVAL

Approved APRIL 1, 2011 with the conditions noted above.
Date

Permit Number 1312

Doug Driesman
Deputy Administrator
Division of Minerals