

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CARSON CITY DISTRICT OFFICE

CATEGORICAL EXCLUSION ENVIRONMENTAL REVIEW AND APPROVAL

DOI-BLM-NV-C01000-2010-0008 CX

File Code (Project/Serial Number): N60685 & N60686

Date: Jan. 21, 2010

Define Proposed Action (who, what, where, when, how; include SOPS's and any specifications and/or requirements). Please attach 7.5 Map with location:

TGP Dixie Development Company LLC (TGP) is proposing to conduct a seismic survey to assist in the geothermal resource characterization of the Dixie Meadows geothermal resource lease area. This seismic survey method is described in the attached project descriptions and the 3 survey lines appear on the project map.

The seismic survey will use a vibrator articulated truck and a field crew of up to 25 people (generally fewer) working ten hour days will be required to conduct the survey. Support vehicles including 4 wheel drive trucks and/or ATVs will be used to transport equipment and personnel. From site mobilization, the survey is expected to take about four weeks to complete during which time the field personnel will camp in the area in self-contained recreation vehicles or stay in offsite lodging. All wastes will be hauled out of the area for proper disposal.

The **general** location for conducting this survey is T22N, R35E Sections 4, 5, 8, 9, 10, 15, 16, 17, 18, 19, and 20 (**see the seismic survey figure** for specific survey lines). TGP holds geothermal leases N60685 and N60686. TGP plans to start this survey as weather permits. TGP agreed not to survey the line as depicted on the project map in section 14.

From site mobilization, the survey is expected to take about four weeks to complete during which time the field personnel will camp in the area in self-contained recreation vehicles or stay in offsite lodging. All wastes will be hauled out of the area for proper disposal.

See attachments 'Seismic Survey for Dixie Meadows' for the specific project map.

Field Office: Stillwater Field Office, Carson City District

Applicant: TGP Development Company LLC

Legal Description:

T22N, R35E Sections 4, 5, 8, 9, 10, 15, 16, 17, 18, 19, and 20 **see the seismic survey map**

This action is in conformance with the Carson City Field Office Consolidated Resource Management Plan (2001); Reference and page number citation: MIN-1, 1. Encourage development of energy and mineral resources in a timely manner to meet national, regional and local needs consistent with the objectives for other public land uses.

Categorical Exclusion References:

Bureau of Land Management, 516 DM 11.9 (cite eligible action): B: Oil, Gas, Geothermal Energy, 6. Approval of Notices of Intent to conduct geophysical exploration of oil, gas, or geothermal, pursuant to 43 CFR 3250, when no temporary or new road construction is proposed.

SCREENING FOR EXTRAORDINARY CIRCUMSTANCES: The following extraordinary circumstances apply to individual actions within categorical exclusions (516 DM 2, Appendix 2). The preparer and/or indicated specialist must verify that the Proposed Action does **not**:

INITIALS

- | | | | |
|-----|--|----------------|-------|
| 2.1 | Have significant adverse effects on public health or safety | Preparer | _____ |
| 2.2 | Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation or..... | Preparer | _____ |
| | refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; | Archaeologist | _____ |
| | prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; | Rec/Wild/VRM | _____ |
| | and other ecologically significant or critical areas..... | Soil/Water/Air | _____ |