

United States Department of Agriculture  
Forest Service

Name of Applicant

GEOHERMAL PROSPECTING PERMIT APPLICATION

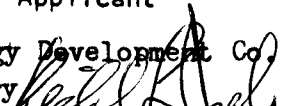
Date of Application

Region	State	Forest	Ranger District
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(Entries above this line will be filled in by the Forest Service)

Application is hereby made for a permit to use National Forest land as indicated below:

- Description of land: Breitenbush Thermal Gradient Hole #1.  
 Flat cleared area in valley on south side of Breitenbush Road.  
 In unsurveyed Township approximately 16000 feet N of S line and 22,300 feet E of W line of U.S.G.S. Breitenbush, Ore. topographic map, as marked in red on attached map.  
 Elevation approximately 2640 feet. sec. 14, T 9 S, R 8 E
- Describe type of exploration to be done and effect on the land involved:  
 Well to be drilled for thermal information only to approximately 1500 feet below surface. Six inch surface casing to be run and cemented. One inch iron pipe to be run to bottom and temperature gradient measured. Fifty foot square area may be disturbed, and will be returned to original condition when well abandoned. No permanent effect on land.
- When exploration is to be started and completed:  
 Exploration program to begin as soon as rig can be moved in after permit is issued. Program to be completed with reasonable diligence.
- Anticipated cost:  
 Estimated cost with no drilling problems, \$7500.00.

Date of Application June 27, 1977	Signature of Applicant For: Sunoco Energy Development Co. By R.L.Jodry 	Address 12700 Park Central Pl., Box 9 Suite 1500 Dallas, TX 75251
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REPORT ON APPLICATION  
(To be completed by Authorized Forest Officer)

- General description of the area and adaptability for the proposed use. Outline area on a map if needed to clarify proposed use and attach map to application.
- Status of the land requested, including description of any improvements or claims on area. If previously under permit, indicate former permit date and permittee's name.
- State the surface disturbance and resource removal and/or damage anticipated and resultant costs that should be recovered.
- Recommendations, including any factors which might affect the granting of the permit or future use of the land.
- List on the reverse side any additional conditions which should be made a part of permit.

Report Submitted:	Date	Signature	Title
Report Approved:	Date	Signature	Title