

GEOTHERMAL PROSPECTING PERMIT APPLICATION

<b>SOUTHLAND ROYALTY</b>	
Date of Application	
3/29/79	
Ranger District	
CLACKAMAS	

Region	State	Forest
06	41	06

(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:

1. Description of land:

SW 1/4 of Unsurveyed Section 2, T7S-R8E as shown on 1978 Fireman Map.

(Exact Location to be made on ground with District Ranger)

2. Describe type of exploration to be done and effect on the land involved:

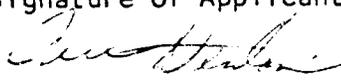
Drill a 2000' temperature gradient observation hole. Well will be completed with 1" iron pipe run to bottom and temperatures will be observed for up to one year. Well will then be plugged to U.S.G.S. specifications. A 50' x 100' area will be disturbed on surface while drilling. No permanent environmental damage will result.

3. When exploration is to be started and completed:

Exploration to begin with drilling in Summer, 1979 after snow melted.  
Exploration to be completed in fall, 1980

4. Anticipated cost:

\$60,000

Date of Application	Signature of Applicant	Address
March 28, 1979		Southland Royalty Company 1000 Fort Worth Club Tower
	Attorney-in-Fact	Fort Worth, Texas 76102

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

John W. Hook & Associates, Inc.  
Date of Application  
September 29, 1978  
Ranger District  
Clackamas

GEOTHERMAL PROSPECTING PERMIT APPLICATION

Region 6 State Oregon Forest Mt. Hood

(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:

1. Description of land:

- No. 2 7S/8E 35<sup>ab</sup> - Pit. ✓
- ~~No. 2 7S/8E 35ad - Landing~~ w/o
- No. 4 8S/8E 31ca - Clearing ✓
- ~~No. 5 8S/8E 35ad - Landing~~ w/o
- No. 6 8S/8E 35db - Spur ✓

✓ CHANGES PER HOOKS LETTER OF 4/24/79

2. Describe type of exploration to be done and effect on the land involved:  
Drill five 2,000 foot temperature gradient holes with truck mounted rotary drill using air and/or mud. Drill cuttings, foam and mud will be contained in pits at the sites. Holes will be completed with observation pipe in accordance with state and federal rules.  
*PORTABLE STEEL*

3. When exploration is to be started and completed:  
Start April 1, 1979 Finish October 31, 1979

4. Anticipated cost: \$250,000. *Ⓞ Bond Notice*

Date of Application September 29, 1978	Signature of Applicant <i>John W. Hook</i>	Address 7315 Battle Creek Rd., S.E. Salem, Oregon 97302
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REPORT ON APPLICATION  
(To be completed by Authorized Forest Officer)

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3. State the surface disturbance and resource removal and/or damage anticipated and resultant costs that should be recovered.
4. Recommendations, including any factors which might affect the granting of the permit or future use of the land.
5. 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

GEOTHERMAL PROSPECTING PERMIT APPLICATION

Date of Application

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

1. Description of land:

T13S, R7E SESE sec. 32 Clearing

What well? : FISH LAKE CR.

2. Describe type of exploration to be done and effect on the land involved:

Drill one 2,000-foot temperature gradient hole with truck mounted rotary drill using air and/or mud. Drill cuttings, foam, and mud contained in plastic lined pits at site. Hole completed with observation pipe in accordance with state and federal rules.

3. When exploration is to be started and completed:

Start July 15, 1979 Finish October 1, 1979 (or earlier) (Observations for 1 year)

4. Anticipated cost:

\$50,000

Date of Application	Signature of Applicant	Address
June 4, 1979	 General Manager	Eugene Water & Elec. Bd. P O Box 10148 Eugene, Oregon 97440

REPORT ON APPLICATION

(To be completed by Authorized Forest Officer)

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GEOTHERMAL PROSPECTING PERMIT APPLICATION

Date of Application

Region

State

Forest

Ranger District

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

Description of land: T12S, R7E, NWNESE sec. 9 -slash burning clearing

Describe type of exploration to be done and effect on the land involved:

Drill one 2,000-foot temperature gradient hole with truck mounted rotary drill using air and/or mud. Drill cuttings, foam and mud contained in pits at site. Hole will be completed with observation pipe in accordance with state and federal rules. Pits lined with plastic if any leakage.

When exploration is to be started and completed:

Start July 15 1979 Finish October 31, 1979. (or earlier) (Observations for 1 year)

Anticipated cost:

\$50,000.00

Date of Application

Signature of Applicant

Address Eugene Water & Elec. Bd.  
P O Box 10148

June 4, 1979

  
General Manager

Eugene, Oregon 97440

REPORT ON APPLICATION

(To be completed by Authorized Forest Officer)

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Recommendations, including any factors which might affect the granting of the permit or future use of the land.

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