APPLICATION FOR PERMIT TO DRILL A GEOTHERMAL WELL OR PROSPECT WELL
(To be accompanied by a $25.00 permit fee for new wells only and a surety bond conditioned as provided by law.)

Department of Geology and Mineral Industries
Portland, Oregon 97201

Harney County, Oregon August 1, 1978

In compliance with rules and regulations pursuant to ORS 522 (Chapter 776 OL 1971) application is hereby made for permit to drill a (new well / prospect well): Anadarko Production Company
None

Well No. A-5 in SE^3 of sec. 6, T. 33S, R. 36 E, W. B. & M.

This well is 50 feet (N) of the south line and 1,270 feet
(W) of the east line of Section 6

(Give location from section or other legal subdivision lines or corners; cross out wrong directions.)

Elevation of ground above sea level is 4,100 feet. All depth measurements are taken from top of Kelly bushing, which is 5 feet above ground.

The lessee is Anadarko Production Company
Address 2777 Allen Parkway, P.O. Box 1330, Houston, TX 77001

The lessor is unleased federal KGRA (BLM)

LOCATE WELL CORRECTLY
Address

We propose to use the following strings of casing and cement them as herein indicated:

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size of</th>
<th>Weight in pounds</th>
<th>Grade and type</th>
<th>New or</th>
<th>Depth</th>
<th>Landed or cemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>hole</td>
<td>casing</td>
<td>per foot</td>
<td></td>
<td>second hand</td>
<td></td>
<td>No. sacks cement</td>
</tr>
<tr>
<td>9 5/8&quot;</td>
<td>6 5/8&quot;</td>
<td>17.02</td>
<td>B &amp; A 53</td>
<td>New</td>
<td>200'</td>
<td>60</td>
</tr>
<tr>
<td>5 1/8&quot;</td>
<td>2&quot; *</td>
<td></td>
<td></td>
<td>Used</td>
<td>2,000'</td>
<td></td>
</tr>
</tbody>
</table>

* To be removed on abandonment.
Method of drilling: rotary X, cable , other.

Proposed objectives:
Intermediate depth (2,000') temperature gradient hole.

Anadarko Production Company
Company or Operator

By Donald L. Bridges
Chief Landman

Send communications regarding well to:

Name R. C. Edmiston
Address 2777 Allen Parkway, P.O. Box 1330
Houston, TX 77001

Approve August 25, 1978
(except as follows: Stipulations of the State DEQ, Sept 2, 1975, are made a condition of this permit.

DEPT. OF GEOLOGY & MINERAL INDUS.
By Vernon C. Newberg
Director Petroleum Engineer

(Submit in triplicate)