APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE

(To be accompanied by a $25.00 permit fee for new wells only and a surety bond conditioned as provided by law.)

________________________  ____________________  __________
Portland, Oregon  May 19, 1955

Department of Geology and Mineral Industries
Portland, Oregon

In compliance with rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) application is hereby made for permit to drill

a (new well) to be known as Sinclair Oil & Gas Company #1 Federal Mapleton

Well No. 1 in SE NE 32 of Sec. 12, T. 16 S., R. 10 W., W. B. M.,

Mapleton Field, Clackamas County

This well is 1739 feet (N) of the S. line and 202 feet (E) of the W. line of SE# of Section 12.

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

Elevation of ground above sea level is _______ feet. All depth measurements are taken from

top of surface of the ground at the

The assignee is Sinclair Oil & Gas Company

Address 1010 Broadway Building, Portland, Oregon

The lessor is United States Government

Address Bureau of Land Management, Bonneville Docks, Portland, Ore.

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about ______ feet.

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

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-17 3/4&quot;</td>
<td>13-3/8&quot;</td>
<td>48 to 54 lb</td>
<td>J-4 and/or J-45 New</td>
<td>300 - 500 ft.</td>
<td></td>
<td>sufficient to circulate to surface</td>
</tr>
<tr>
<td>12 1/2&quot;</td>
<td>9-5/8&quot;</td>
<td>40 to 48 lb</td>
<td>J-45 and/or K-80 &quot;</td>
<td>6000 - 7000 ft.</td>
<td>600</td>
<td>7066 ft.</td>
</tr>
</tbody>
</table>

We propose to drill with rotary tools.

If changes in the above plan become advisable we will notify you before cementing or landing casing.

Additional information including names of and expected depths to objective sands (Use additional sheets as needed):

I understand that this plan of work must receive approval in writing by the Director of the State Department of Geology and Mineral Industries.

Approved June 2, 1955

except as follows

No exceptions.

SINCLAIR OIL & GAS COMPANY

By ____________________________  ____________________________
F. H. Rhesi  Vice President

Position  Send communications regarding well to:

Name Sinclair Oil & Gas Co., Attn: C. D. Johnson

Address 1010 Broadway Building

Portland, Oregon

(Submit in triplicate)