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.

Ontario, Oregon August 18th, 1954

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 (stratigraphic hole) to be known as H. K. Riddle, Kiesel Estate

Well No. 1 in Sec. 9, T. 19 S., R. 47 E., W.M., B. & M., Malheur County.

This well is 1260 feet N of the south line and 1370 feet E of the west line of Section 8.

(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 rotary table, which is __________ feet above ground.

The lessee is H. K. Riddle

Address: P. O. Box 537, Ontario, Oregon.

The lessor is Fred J. Kiesel Estate

Address: Ogden, Utah

We estimate that the first productive oil or gas sand should occur at a depth of about 2,000 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>13&quot;</td>
<td>10 3/4&quot;</td>
<td>26#</td>
<td>Standard</td>
<td>new</td>
<td>200</td>
<td>50 sacks</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):

We plan to drill this well to at least 4,500 feet. Nothing is known about formations and depths to be encountered, as this is the first well drilled in this area.

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 September 2, 1954
except as follows

DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
By: Director

(Submit in triplicate)