APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a $100 permit fee for new wells only and a surety bond conditioned as provided by law.)

St. Helens, Oregon  Feb 3  1983

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 L.1977) application is hereby made
for permit to drill a well to be known as Reichhold Energy Corporation Columbia County
Well No. 14-33 in SW/4 of Sec. 33 T. 7N R. 5W W.B.M.,
Mist Field, Columbia County.
Survey Coordinates: 400'N and 800'E of SW corner Sec. 33

Elevation of ground above sea level is 800 feet. All depth measurements are taken from top of Kelly Bushing, which is 11.4 feet above ground.

Leases:
- Reichhold Energy Corporation

Address: P.O. Box 810, St. Helens, OR 97051

Lessee: Columbia County

Address: County Courthouse, St. Helens, OR 97051

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</th>
<th>No. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 1/4</td>
<td>8 5/8</td>
<td>24</td>
<td>K-55</td>
<td>New</td>
<td>450'</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>7 7/8</td>
<td>5 1/2</td>
<td>15.5</td>
<td>K-55</td>
<td>New</td>
<td>2800'</td>
<td>250</td>
<td></td>
</tr>
</tbody>
</table>

Proposed Depth: 2800'

Objective: Clark and Wilson Sand

Reichhold Energy Corporation

company or operator

Position Field Operations Supervisor

Name W.F. Covert

Address Reichhold Energy Corporation

P.O. Box 810, St. Helens, OR 97051

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.