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 Sept. 22 1981

In compliance with rules and regulations pursuant to ORS 520 (Chapter 256 GE 1977) application is hereby made for permit to drill a well to be known as Reichhold Energy Corp. HANSEN

Well No. 44-15 in SE/4 of Sec. 15, T. 6N, R. 5W, N.E. 1/4, Mist Field, Columbia County.

Survey Coordinates: 800' North & 900' East of SE/Corner

Elevation of ground above sea level is 510 Topo feet. All depth measurements are taken from top of KB, which is 11.6 above ground.

Lessee: Reichhold Energy Corporation

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

Lessee: Norman Hansen

Address: Mist Route, Clatskanie, Oregon 97016

We propose to use the following stringing 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>Land or cemented to, no. sacks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 7/8</td>
<td>7</td>
<td>20</td>
<td>K</td>
<td>N</td>
<td>400</td>
<td>150 Sacks</td>
</tr>
<tr>
<td>6 1/4</td>
<td>4 1/2</td>
<td>10.5</td>
<td>K</td>
<td>N</td>
<td>2700</td>
<td>150 Sacks</td>
</tr>
</tbody>
</table>

Proposed Depth: 2000' (top) Objectives: Upper Clark and Wilson

Reichhold Energy Corporation

Company or operator

Position Manager - Oregon Operations

Send communications regarding well to:

Name: W.F. Covert

Address: P.O. Box 810

St. Helens, Oregon 97051

Approved October 19, 1983

DEPT. OF GEOLOGY & MINERAL INDUSTRY

W.F. Covert

By

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 those authorities make a determination of compliance with statewide goals.