STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

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 May 2, 1983

In compliance with rules and regulations pursuant to ORS 590 (Chapter 290 and 1977) application is hereby made
for permit to drill a (new well) (stratigraphic hole) to be known as Reichhold Energy Corporation Columbia
County
Well No. 23-22 in SW/4 of Sec. 22, T. 6N, R. 5W, W.E.M., Columbia County.
Mist 23°42' 17s 35' Field, Columbia County.
Survey Coordinates: 1900'N and 2000' E of SW corner, Sec. 22

Elevation of ground above sea level is 466 feet. All depth measurements are taken from top
of Kelly Bushing, which is 11.4 feet above ground.

Lessee: Reichhold Energy Corporation
Address: 1410 S.W. Marlow Ave., Portland, Oregon 97225
Lessor: Columbia County
Address: County Courthouse, St. Helens, Oregon 97051

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

| Size of hole | Size of casing | Weight in pounds per foot | Grade and type | New or second hand | Depth | Landed or cemented
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<tbody>
<tr>
<td>12 1/4</td>
<td>8 5/8</td>
<td>24</td>
<td>K-55</td>
<td>new</td>
<td>600</td>
<td>250</td>
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<tr>
<td>7 7/8</td>
<td>5 1/2</td>
<td>15.5</td>
<td>K-55</td>
<td>new</td>
<td>5000</td>
<td>950</td>
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Proposed Depth: 5000' Objectives: Clark and Wilson Sand Clatskanie Sand

Reichhold Energy Corporation
company or operator

By: 
Position Field Operations Supervisor
Send communications regarding well to:
Name W.F. Covert
Address Reichhold Energy Corporation
1410 S.W. Marlow Ave., Portland, OR 97225

Approved May 27, 1983
except as follows: The January 1983 stipulations approved by the
Governing Board of this Department are conditions of
this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY
By: 
Petroleum Engineer

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 rule a determination of compliance with state-wide goals.

Inspection of this permit is not a finding of compliance with the Oregon Planning Goals or the acknowledged comprehensive plan.