

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

RECEIVED-PTL  
MAY 5 1983

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 520 (Chapter 296 OR 1977) application is hereby made for permit to drill a <sup>(new well)</sup><sub>(stratigraphic hole)</sub> to be known as Reichhold Energy Corporation Columbia County  
(company or operator) (lease)

Well No. 23-22 in SW/4 of Sec. 22, T. 6N, R. 5W W.B.&M,  
Mist 2340.57' 1768.59' Field, Columbia County.

Survey Coordinates: 1900' N and 2300' E of SW corner, Sec. 22

Elevation of ground above sea level is 566 feet. All depth measurements are taken from top of Kelly Bushing, which is 11.4 above ground.

240 Lessee: Reichhold Energy Corporation

280 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 No. sacks cement
12 1/4	8 5/8	24	K-55	new	600	250
7 7/8	5 1/2	15.5	K-55	new	5000	950

Proposed Depth: 5000'

Objectives: Clark and Wilson Sand

Clatskanie Sand

Approved May 27, 19 83  
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 Devin L. Olmstead  
Petroleum Engineer

Reichhold Energy Corporation

company or operator

By Judd A. Thomas  
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

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