

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 OR 1977) application is hereby made for permit to drill a {new well} {stratigraphic hole} to be known as Reichhold Energy Corporation Columbia (company or operator) (lease) 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 above ground.

Lessee: Reichhold Energy Corporation
Address: P.O. Box 810, St. Helens, OR 97051

Lessor: 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:

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	450'	200
7 7/8	5 1/2	15.5	K-55	New	2800'	250

Proposed Depth: 2800' Objectives: Clark and Wilson Sand

Approved March 4, 1983
except as follows: The January 1983 stipulations of the Governing Board of this Department are conditions of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By [Signature]
Petroleum Engineer

Reichhold Energy Corporation
company or operator
By [Signature]
Position Field Operations Supervisor
Send communications regarding well to:
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.