

APPLICATION FOR PERMIT TO DRILL NEW 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.)

Bakersfield, Calif. April 29, 19 80

Department of Geology and Mineral Industries  
Portland, Oregon

In compliance with rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) application is hereby made for permit to drill

to be known as Reichhold Energy Corporation Columbia County  
COMPANY OR OPERATOR LEASE  
 Section 11-33 in NW/4 of Sec. 33, T. 7N, R. 5W W. B. & M.,

Mist Field, Columbia County.

This well is 1100 feet ~~(N)~~ (S) of the North line and 1200 feet  
 (E) ~~(W)~~ of the West line of Section 33.

(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)

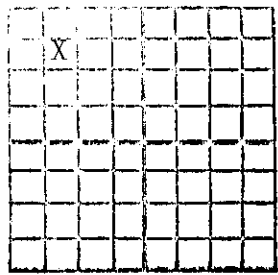
Elevation of ground above sea level is 1000 Topo feet. All depth measurements are taken from  
 top of KB, which is 11.6 feet above ground.

The lessee is Reichhold Energy Corporation

Address P.O. Box 1482, Tacoma, Washington 98401

The lessor is Longview Fibre Company

Address P.O. Box 667, Longview, Washington 98632



Section of land  
Area 640 acres

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about 2800 feet.  
 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
9-7/8	7"	20	K	N	400	150 Sacks
6-1/4	4-1/2	10.5	K	N	3000	150 Sacks

We propose to drill with ~~rotary~~ rotary tools.

If changes in the above plan become advisable we will notify you before cementing or landing casing.

Additional information including names of and expected depths to objective sands (Use additional sheets as needed)

C & W Sand 2800'

RECEIVED-PTLD  
MAY 05 1980  
DEPT OF GEOLOGY & MINERAL INDUSTRIES

I understand that this plan of work must receive approval in writing by the Director of the State Department of Geology and Mineral Industries.

Approved June 4, 19 80  
 except as follows: The February 27, 1979 stipulations approved by the Governing Board of the Dept. will be made a condition of this permit.  
 DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES  
*Shannon C. Newton*  
 PETROLEUM ENGINEER

Reichhold Energy Corporation  
COMPANY OR OPERATOR  
 By W.S. [Signature]  
 Position Engineer  
 Send communications regarding well to:  
 Name R. L. Beardsley  
 Address P.O. Box 810  
St. Helens, Oregon 97051