

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.)

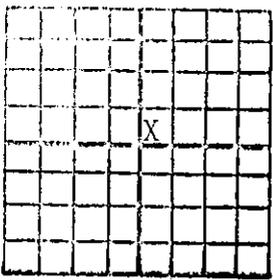
Bakersfield, Calif. FEB 25 1980

Department of Geology and Mineral Industries  
Portland, Oregon

FEB 25 1980

Application 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 Corp. Columbia County  
 32-3 in NE/4 of Sec. 3, T. 6N, R. 5W W. B. & M.,  
Mist Field, Columbia County.



Section of land  
Area 640 acres

This well is 2400 feet N (S) of the North line and 2200 feet  
W of the East line of Section 3

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

Elevation of ground above sea level is 1250 <sup>Topo</sup> feet. All depth measurements are taken from  
 top of KB, which is 11.6 feet above ground.

The lessee is Reichhold Energy Corp.

Address P.O. Box 1482 Tacoma, Washington 98401

The lessor is Crown Zellerbach Corp.

LOCATE WELL CORRECTLY Address 1 Bush St. San Francisco, California

We estimate that the first productive oil or gas sand should occur at a depth of about 2700 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	3300	150 Sacks

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

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 2700'

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 March 31, 19 80  
 except as follows: The February 27, 1979 stipulations approved by the Governing Board of the Department will be made a condition of this permit.  
 DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES  
 By Hermon C. Newton, Jr. Director  
 PETROLEUM ENGINEER

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