

RECEIVED-PTLD

Loc. OK.

FEB 15 1980

DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1065 State Office Building, Portland 1, Oregon

API No. 009-00045
Oil and Gas #124

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.)

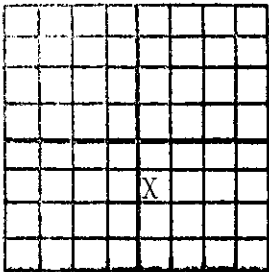
Bakersfield, California RECEIVED-PTLD
February 11, 1980

FEB 25 1980

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

(new well) to be known as: Reichhold Energy Corp. Columbia County
Well No. 33-3 in SE/4 of Sec. 5, T. 6N, R. 5W W. B. & M.,
Mist Field, Columbia County.



Section of land
Area 640 acres

This well is 1600 feet (N) (S) of the South line and 2200 feet
(E)(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 1080 ^{Topo} feet. All depth measurements are taken from
top of KB, which is 11.6 feet above ground.

The lessee is Reichhold Energy Corp. 240

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

The lessor is Crown Zellerbach Corp. 289

Address 1 Bush St. San Francisco, Calif.

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about 2600 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	3200	150 Sacks

We propose to drill with ~~cable~~ 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 2600'

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, 1980
 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 Vernon C. Newton Jr. Director
 Petroleum Engineer

Reichhold Energy Corp. 240
 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

(Submit in triplicate)