

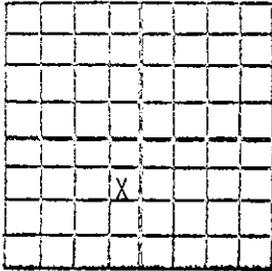
APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a \$200 permit fee for new wells only and a surety bond conditioned as provided by law.)

Bakersfield ~~Calif.~~ June 11 1979

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

a (new well ~~XXXXXXXXXX~~) to be known as: Reichhold Energy Corporation Columbia County
(Stratigraphic Hole)
Well No. 6 in SW/4 of Sec. 10, T. 6N, R. 5W W. B. & M.,
Mist Field, Columbia County.



Section of land
Area 640 acres

This well is 1800 feet (N) of the South line and 2500 feet
(E) of the West line of Section 10.

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

Elevation of ground above sea level is 720 feet. All depth measurements are taken from
top of KB, which is 11 feet above ground.

The lessee is Reichhold Energy Corp. 240

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

The lessor is Columbia County JH

LOCATE WELL CORRECTLY Address St. Helens, Oregon

We estimate that the first productive oil or gas sand should occur at a depth of about 2200 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	140 sacks
6 1/4"	4 1/2	10.5	K	N	3000	140 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 Sands 2200-3000

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 July 13, 19 79
except as follows: Stipulations approved by the Governing Board of the Department will be made a condition of this permit.
DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
Petroleum Engineer
by _____ Director

Reichhold Energy Corporation 240
By W. S. Williams
Position Engineer
Send communications regarding well to:
Name Robert L. Beardsley
Address P.O. Box 810
St. Helens, Oregon 97051

(Submit in triplicate)