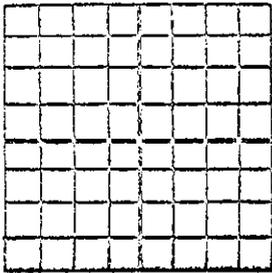


APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)
Bakersfield Calif. May 7 1979

Department of Geology and Mineral Industries
Portland, Oregon

In compliance with rules and regulations pursuant to ORS 520 (Chapter 667 OL 1955) application is hereby made for permit to drill
a (new well) to be known as: Reichhold Energy Corporation Columbia County
(stratigraphic hole) 5 in NW 1/4 of Sec. 10, T. 6N, R. 5W W. B. & M.,
Well No. _____ in _____ of Sec. _____, T. _____, R. _____ W. B. & M.,
Field, Columbia County.



Section of land
Area 640 acres

This well is * _____ feet (N) (S) of the _____ line and * _____ feet
(E) (W) of the _____ line of _____.
* See attached sheet
(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)

Elevation of ground above sea level is * _____ feet. All depth measurements are taken from
top of _____ KB, which is 12 feet above ground.

The lessee is Reichhold Energy Corporation
Address P.O. Box 1482 Tacoma, Washington 98401
The lessor is Columbia County
Address St. Helens, Oregon

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about 2400 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"	105	K	N	3000'	140 sacks

We propose to drill with ~~rotary~~ ~~tools~~ ~~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 2400 - 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 June 8, 19 79
except as follows:

DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
By _____ Director

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