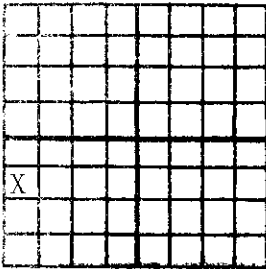


APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE
 (To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Bakersfield, Calif. ~~Oregon~~ June 5, 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 a ~~(stratigraphic hole)~~ (new well) to be known as: Reichhold Energy Corporation Columbia County
 Well No. 13-2 in SW/4 of Sec. 2, T. 6N, R. 5W W. B. & M.,
Mist Field, Columbia County.



Section of land
 Area 640 acres

This well is ⁶²⁴~~1670~~ feet (N) ~~(S)~~ of the South line and 629 300 feet
 (E) ~~(W)~~ of the West line of Section 2
 (Give location from section or other legal subdivision lines or corners. Cross out wrong directions)
 Elevation of ground above sea level is ¹¹⁰⁰~~1100~~ ^{Topo} feet. All depth measurements are taken from
 top of KB, which is 10.5 feet above ground.

The lessee is Reichhold Energy Corporation
 Address P.O. Box 1482, Tacoma, Washington 98401
 The lessor is Crown Zellerbach Corporation

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

We estimate that the first productive oil or gas sand should occur at a depth of about 2650 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 ~~sable~~ 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 2650'

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 25, 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 Shannon C. Newton Jr. Director
 PETROLEUM ENGINEER

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