

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.)

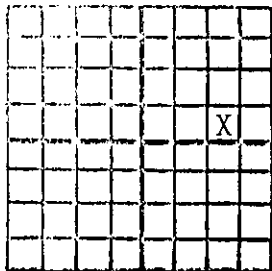
Bakersfield, Calif. RECEIVED-PTLD
~~Grass~~ February 11, 19 80

Department of Geology and Mineral Industries
Portland, Oregon

FEB 25 1980

In compliance 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. Crown Zellerbach
~~XXXXXXXXXXXX~~ 42-1 in NE/4 of Sec. 1, T. 6N, R. 5W W. B. & M.,
Mist Field, Columbia County.



Section of land
Area 640 acres

This well is 2100 feet (N) (S) of the North line and 800 feet
(E) (W) of the East line of Section 1-6N-5W

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

Elevation of ground above sea level is 1200 ^{Topo} 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, Calif.

We estimate that the first productive oil or gas sand should occur at a depth of about 3200' 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	3800	200 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 3200'

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 Thomas C. Newton, Jr. Director
PETROLEUM ENGINEER

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