

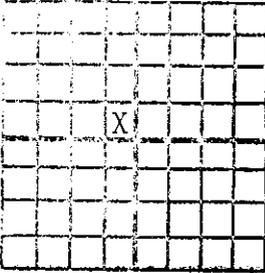
APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Bakersfield, Calif. July 31, 1980

Department of Geology and Mineral Industries
Portland, Oregon

In compliance with rules and regulations pursuant to ORS 520 (Chapter 667 OL 1983) application is hereby made for permit to drill

to be known as Reichhold Energy Corporation Crown Zellerbach
~~XXXXXXXXXXXX~~ COMPANY OR OPERATOR LEASE
22-6 in NW/4 of Sec. 6, T. 6N, R. 4W W. B. & M.,
Mist Field, Columbia County.



Section of land
Area 640 acres

This well is 2300 feet ~~(S)~~ (S) of the North line and 2000 feet
(E) ~~(W)~~ of the West line of Section 6-6N-4W

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

Elevation of ground above sea level is 1450 ^{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 Street, San Francisco, California

We estimate that the first productive oil or gas sand should occur at a depth of about 2100 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	2800	200 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):

Top of C&W Sand 2700'.

Understand that this plan of work must receive approval in writing by the Director of the State Department of Geology and Mineral Industries.

Approved September 2, 19 80

Acceptance 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 Dennis Olmstead Director
GEOLOGIST

Reichhold Energy Corporation
COMPANY OR OPERATOR

By W.S. McSweeney

Position Engineer

Send communications regarding well to:

Name W. L. Covert

Address P.O. Box 810

St. Helens, Oregon 97051