

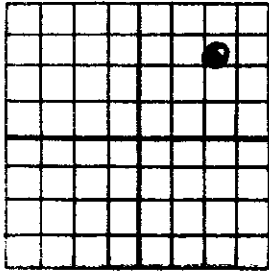
APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE
 (To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Bakersfield, Calif. - Oregon June 5 19 75

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)~~ (stratigraphic hole) to be known as: Reichhold Energy Corporation Crown-Zellerbach
COMPANY OR OPERATOR LEASE
 Well No. 10-21-1 in NE/4 NE/4 of Sec. 22, T. 2S, R. 10W W. B. & M.,
NNG-Crown Z No 1--- Field, Tillamook County.



Section of land
 Area 640 acres

This well is 1000 feet ~~75'~~ (S) of the North line and 1000 feet
~~75'~~ (W) of the East line of Sec. 22.

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

Elevation of ground above sea level is 430 feet. All depth measurements are taken from
 top of KB, which is * feet above ground. To be furnished.

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 2350 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
13 3/4	9 5/8	36	K	N	500	395 cu. ft.
8 3/4	4 1/2	11.6	K	N	5000	615 cu. ft.

We propose to drill with ~~rotary tools~~ 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):

Basal Blakely Sand 2350' Cowlitz Sand 4550'-4750'
 Pittsburg Bluff Sand 2500'-2950' Basement 5000'±

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 26, 19 75
 except as follows: DEQ May 7, 1973 stipulations shall apply to this permit.
 BOP to be inspected prior to drilling out cement.
 DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
 By R. E. Carson Director

REICHHOLD ENERGY CORPORATION
COMPANY OR OPERATOR
 By W.S. [Signature]
 Position Engineer
 Send communications regarding well to:
 Name Robert L. Beardsley
 Address P. O. Box 810
St. Helens, Oregon 97051