

API No.
O&G: 339
API: 36-009-00180

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS 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.)

Columbia County, Oregon 9-5-1985

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OL 1977) application is hereby made for permit to drill a new well (stratigraphic hole) to be known as Reichhold Energy ABCO COLUMBIA COUNTY (company or operator) (lease)

Well No. 32-32 in NE/4 of Sec. 32, T. 6N, R. 5W W.B.M. Mist Gas Field, Columbia County.

Survey Coordinates: 1840' 2000' FNL 1237' 1500' FEL
Sec. 32, T6N, R5W

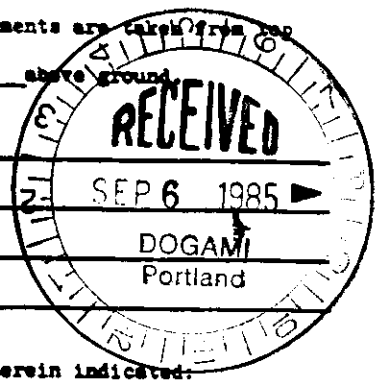
Elevation of ground above sea level is 810 feet. All depth measurements are taken from top of KB, which is 10' above ground.

Lessee: Reichhold Energy Corp. Surf. owner: Longview F.

Address: 12655 S.W. Center Street, Beaverton, OR 97005

Lessor: Columbia County

Address: Columbia County Courthouse, St. Helens, OR 97051



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
22	16"	65#	H40, STC	New	± 20'	30
12-1/4"	9-5/8"	36#	K55, STC	New	400'	160
8-3/4"	5-1/2"	17#	K55, LTC	New	2700	750

Proposed Depth: 2700' (BTM C&W)

Objectives: Clark & Wilson Sand

REICHHOLD ENERGY CORPORATION

Approved Sept. 30, 19 85
except as follows:
The Sept. 1984 stipulations approved by the State Geologist are conditions of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By David L. Crawford
Petroleum Engineer

company or operator
By Michael P. Aller
Position EXPLORATION MANAGER
Send communications regarding well to:
Name MICHAEL P. ALLER
Address ADDRESS ABOVE

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.

NOTE: Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan. Permit expires one year from date of issue. Land use approval must be obtained from the county or city in which the drilling takes place. Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules including those adopted after permit issuance.