

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

~~RECEIVED~~
 MAR 9 1984

DEPT OF GEOLOGY
 & MINERAL INDUST

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.)

Portland, Oregon March 8 1984

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

Well No. 43-27 in SE 1/4 of Sec. 27, T. 6N, R. 5W W.B.&M,
Mist Field, Columbia County.

Survey Coordinates: [2300' N and 600' W of SE corner] Section 27, T6N, R5W WB&M
2162' N of SL 741' W of EL

Elevation of ground above sea level is 900 feet. All depth measurements are taken from top of Kelly Bushing, which is 11.4 above ground.

Lessee: ARCO Exploration Company (REC was contractual right to drill)
 Address: P. O. Box 5540, Denver, CO 80217

Lessor: Columbia County
 Address: County Courthouse, St. Helens, Oregon 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
12 1/2	8 5/8"	24#	K-55	New	350	190
7 7/8	5 1/2	15.5	K-55	New	2600	340

Proposed Depth: 2600' Objectives: Clark & Wilson Sand

Approved July 24, 19 84
 except as follows:
 The January 1984 stipulations approved by the State Geologist are conditions of this permit.
 DEPT. OF GEOLOGY & MINERAL INDUSTRY
 By M. L. Ormshead
 Petroleum Engineer

Reichhold Energy Corporation
 company or operator
 By Bob Thomas
 Position Field Operations Supervisor
 Send communications regarding well to:
 Name Reichhold Energy Corporation
 Address 1410 SW Marlow Avenue

Portland, Oregon 97225

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.
 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.