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MAY 17 1985

DEPT. OF GEOLOGY  
 & MINERAL INDUSTRIES

APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

(To be accompanied by a \$100 permit fee, a surety bond conditioned as provided by law, and evidence of mineral rights ownership or lease.) This application becomes a permit to drill when signed and dated by DOGAMI in box below.

In compliance with rules and regulations pursuant to ORS 520, application is hereby made for permit to drill

(a gas well) to be known as Reichhold Energy Corp. Crown Zellerbach 31-16  
 (an oil well) (Company or operator) (Lease) (Well No.)

Sec. 16, T. 5N, R. 4W W.B.&M. Directional? No X Yes \_\_\_\_\_

Survey Coordinates: ~~1,000' South and 1,200' West of NE corner~~ 740' S, 2450' W of NE corner Tolson 6/26  
Mike  
Alcar

Wildcat: X (or) Field Name: Mist County: Columbia

Elevation of ground above sea level is 700 feet. All depth measurements are taken from Kelly  
Bushing, which is 11.4 above ground.

Lessor (Mineral Owner): Crown Zellerbach

Address: 62424 Nehalem Highway North, Vernonia, OR 97064

Surface Owner: Crown Zellerbach

Address: 62424 Nehalem Hwy North, Vernonia, OR 97064

Lessee: Reichhold Energy Corporation

Address: 12655 SW Center, Suite 240, Beaverton, OR 97005

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/Type	Depth	Amount of cement
12 1/4	8 5/8	24#	K-55	450	250
7 7/8	5 1/2	15.5	K-55	3,200	225

Geologic Objectives Clark & Wilson

Proposed Depth 3300'

Company/Operator Reichhold Energy Corporation

Signature [Signature]

Position NW District Geologist & Manager

Date 5/15/85

SEND WELL COMMUNICATION TO:

Name Reichhold Energy Corporation

Address 12655 SW Center, Suite 240

Beaverton, OR 97005

Phone (503) 644-8229 (Day) 645-0723 (Night)

DOGAMI Approved June 7, 19 85  
 The Sept. 1984 stipulations approved by the State Geologist are conditions of this permit.  
 By [Signature]  
 Petroleum Geologist

NOTE: (1) Issuance of this permit is not a finding of compliance with the Statewide Planning Goals or the acknowledged comprehensive plan. (2) Permit expires one year from date of issue. (3) Land use approval must be obtained from the county or city in which the drilling takes place.