

STATE OF OREGON
 DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
 910 State Office Building Portland, OR 97201

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 Co. Crown Zellerbach 23-15
 (an oil well) (Company or operator) (Lease) (Well No.)

in SW 1/4 of Sec. 15, T. 5N, R. 4W W.B.&M. Directional? No X Yes

Survey Coordinates: 1700'N & 1800'E of SW corner, Sec. 15

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

Elevation of ground above sea level is 800 feet. All depth measurements are taken from Kelly Bushing, which is 11.4 above ground.

Lessor (Mineral Owner): CROWN ZELLERBACH CORPORATION

Address: 62424 Nehalem Highway North, Vernonia, OR 97064

Surface Owner: Same as mineral owner

Address: _____

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# | J-55 | 450' | 250 |
| 7 7/8 | 5 1/2 | 15.5 | J-55 | 3500' | 300 |
| | | | | | |
| | | | | | |

Geologic Objectives Clark & Wilson

Proposed Depth 3500'

Company/Operator Reichhold Energy Corporation

Signature Todd Thomas

Position Field Operations Supervisor

Date July 16, 1985

SEND WELL COMMUNICATION TO:

Name Todd Thomas

Address 12655 SW Center, Suite 240

Beaverton, OR 97005

Phone 644-8229 (Day) (Night)

DOGAMI Approved August 8, 1985
 The September 1984 stipulations approved by the State Geologist are conditions of this permit.
 By Dennis L. Ormstead
 Petroleum Engineer

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. (4) Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules including those adopted after permit issuance.

RECEIVED - PTLD

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