

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 Atlantic Richfield Company CFI #34-1-55
 (an oil well) (Company or operator) (Lease) (Well No.)

in SE $\frac{1}{4}$ of Sec. 1, T. 5N, R. 5W W.B.&M. Directional? No X Yes

Survey Coordinates: 1350' FEL, 1200' FSL ; Fr. SE cor. 1200' N, 1350' W

Wildcat: yes (or) Field Name: Mist Gas Field County: Columbia

Elevation of ground above sea level is 600' feet. All depth measurements are taken from Kelly Bushing, which is +/- 10' above ground.

Lessor (Mineral Owner): Cavenham Forest Industries

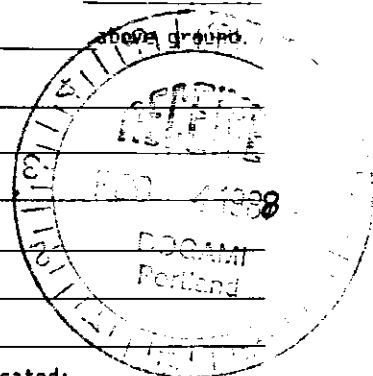
Address: PO Box 270 Winnfield, LA 71483

Surface Owner: Cavenham Forest Industries

Address: PO Box 270 Winnfield, LA 71483

Lessee: Atlantic Richfield Company

Address: 4550 California Ave. Bakersfield, CA 93309



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
8 $\frac{1}{2}$ "	7"	23#	K-55 BTC	450'	105SX
6 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	9.2#	J-55 EUE	1625'	207SX

Geologic Objectives CLARK AND WILSON @ 925'

Proposed Depth 1625'

ARCO OIL & GAS COMPANY

Company/Operator Div. of Atlantic Richfield Company

Signature Kwang U. Park
 Position DISTRICT DRILLING SUPERINTENDENT RBS 1/29/88

Date January 29th, 1988

SEND WELL COMMUNICATION TO:

Name KWANG U. PARK

Address PO Box 147
Bakersfield, CA 93302

Phone (805) 321-4060 (Day) 805-834-4826 (Night)

DOGAMI Approved March 17, 19 88

The July 1987 stipulations approved by the State Geologist are conditions of this permit. Notify DOGAMI to witness BOP test.

By Dennis L. Olmstead
Dennis Olmstead, 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.