

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 Columbia County
 (an oil well) (Company or operator) Longview Fibre 44-27-65
 (Lease) (Well No.)

in SE 1/4 of Sec. 27, T. 6N, R. 5W W.B.M. Directional? No X Yes

Survey Coordinates: 400' N & 360' W of SE Corner Sec. 27, T6N, R5W

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

Elevation of ground above sea level is appx. 1000 feet. All depth measurements are taken from Kelly Bushing, which is ± 10' above ground.

Lessor (Mineral Owner): Columbia County 286 **REIVED**

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

Surface Owner: Longview Fibre Company 287 **MAR 21 1988**

Address: Main Office and Mills, Longview, WA 98632 **DEPT. OF GEOLOG. & MINERAL IND.**

Lessee: Atlantic Richfield Company 243

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 1/2"	7"	23#	K-55 STC	450'	105 sx
6 1/2"	3 1/2"	9.2#	J-55	2150'	275 sx

Geologic Objectives Clark & Wilson @ 1700'

Proposed Depth 2150'

Company/Operator ARCO Oil and Gas Company 171
Division of Atlantic Richfield Co.

Signature Kwang H. Park

Position District Drilling Superintendent

Date March 18, 1988

SEND WELL COMMUNICATION TO:

Name Kwang H. Park

Address P.O. Box 147

Bakersfield, CA 93302

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

DOGAMI Approved May 4, 1988

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

By Dennis L. Olmstead
 Dennis L. Olmstead, Petroleum Eng.

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.