

APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

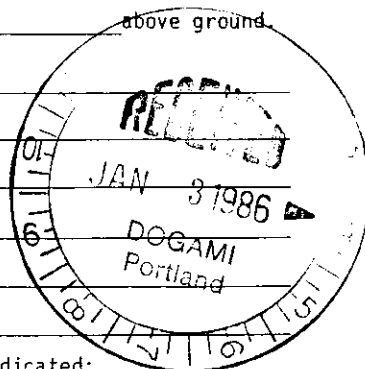
(To be accompanied by a \$100 permit fee, a surety bond conditioned as provided by law, and evidence of mineral rights ownership or lease.) This application becomes a permit to drill when signed and dated by DOGAMI in box below.

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 Longview Fibre 13-6
 (an oil well) NW 1/4 of (Company or operator) (Lease) (Well No.)
 in SW 1/4 of Sec. 6, T. 5N, R. 4W W.B.&M. Directional? No Yes
 Survey Coordinates: 2500' N and 625' E from SW Corner, Section 6

Wildcat: Yes (or) Field Name: Mist County: Columbia
 Elevation of ground above sea level is 780 feet. All depth measurements are taken from Kelly bushing, which is ± 10' above ground.

Lessor (Mineral Owner): Longview Fibre Company
 Address: Main Office and Mills, Longview, WA 98632
 Surface Owner: Longview Fibre Company
 Address: Main Office and Mills, Longview, WA 98632
 Lessee: Atlantic Richfield Company
 Address: 4201 Stine Road, 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
12-1/4"	9-5/8"	36#	K-55 STC	400'	200 sacks
8-3/4"	5-1/2"	17#	K-55 LTC	3000'	660 sacks

Geologic Objectives Clark and Wilson at 1475'
 Proposed Depth 3000' ARCO Oil and Gas Company, Division
 Company/Operator of Atlantic Richfield Company

Signature Randy [unclear] for K.U. Park
 Position District Drilling Superintendent
 Date January 2, 1986
 SEND WELL COMMUNICATION TO:
 Name Kwang U. Park
 Address 4201 Stine Road
Bakersfield, CA 93309
 Phone (805) 833-4060 (Day) (805) 834-4826 (Night)

DOGAMI Approved January 31, 1986
 The September 1984 stipulations approved by the State Geologist are conditions of this permit.
 By [Signature]
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.