

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

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JAN 24 1987

APPLICATION FOR PERMIT TO DRILL AN OIL OR GAS WELL

DEPT. OF GEOLOGY  
 & MINERAL INDUSTRY

(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 #41-34-65  
 (an oil well) (Company or operator) (Lease) (Well No.)

in NE 1/4 of Sec. 34, T. 6N, R. 5W W.B.&M. Directional? No XX Yes

Survey Coordinates: 660' S & 660' W of NE Corner

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

Elevation of ground above sea level is ±900 feet. All depth measurements are taken from kelly bushing, which is ±10' above ground.

Lessor (Mineral Owner): 286 Columbia County

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

Surface Owner: 287 Longview Fibre Company

Address: Main Office and Mills, Longview, WA 98632

Lessee: 243 Atlantic Richfield Company

Address: 4201 Stine Road, Bakersfield, CA 93313

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	450'	250 sx
8-1/2"	5-1/2"	17#	K-55 LTC	2400'	575 sx

Geologic Objectives Clark and Wilson Sand at 1700'

Proposed Depth 2400'

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

Signature Kwang U. Park

Position Dist. Drlg. Superintendent

Date Jan 28<sup>th</sup>, 1987

SEND WELL COMMUNICATION TO:

Name Kwang U. Park

Address P. O. Box 147

Bakersfield, CA 93302

Phone 805-833-4060 (Day) 805-834-4826 (Night)

DOGAMI Approved February 19, 1987

The July 1986 stipulations approved by the State Geologist are conditions of this permit. Notify DOGAMI to witness BOP test.

By Dennis L. Olmstead  
 Dennis L. 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.