

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 Crown Zellerbach 33-9
 (an oil well) (Company or operator) (Lease) (Well No.)
 NW 1/4 of
 in SE 1/4 of Sec. 9, T. 5N, R. 4W W.B.&M. Directional? No x Yes

Survey Coordinates: 1400' N and 2400' W from SE Corner Section 9

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

Elevation of ground above sea level is 1015 feet. All depth measurements are taken from Kelly bushing, which is ± 10' above ground.

Lessor (Mineral Owner): Crown Zellerbach Corporation

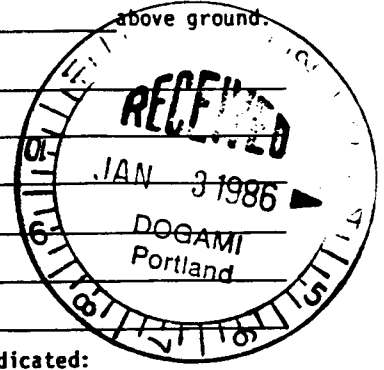
Address: 1500 SW First Avenue, Portland, OR 97201

Surface Owner: Crown Zellerbach Corporation

Address: 1500 SW First Avenue, Portland, OR 97201

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	3041'	670 sacks

Geologic Objectives Clark and Wilson at 2441'

Proposed Depth 3041'

Company/Operator ARCO Oil and Gas Company, Division of Atlantic Richfield Company

Signature Randy Thomas 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.