

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

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 D Y OIL, INC. ARCO LANE CC-24-5-A
(an oil well) (Company or operator) (Lease) (Well No.)

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

Survey Coordinates: From S $\frac{1}{4}$ CORNER, S89° 07'42" W, 371.72' ; N 0° 52'18" W 942.82' Move $\frac{1}{2}$ N 19° 3'7" E, 294.5 N, 105 E DR. LINE 312.166

Wildcat: _____ (or) Field Name: MIST FIELD County: COLUMBIA

Elevation of ground above sea level is 649.36 feet. All depth measurements are taken from _____
the Kelly Bushing, which is 13.20 feet _____ above ground.

Lessor (Mineral Owner): Columbia County / Land Development Services

Address: Courthouse, St. Helens, OR 97051

Surface Owner: Longview Fiber Company

Address: P O Box 667, Longview WA 98632

Lessee: Arco Oil & Gas Company

Address: P O Box 147, Bakersfield CA 93302

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"	8 5/8"	24#	K-55	300'	125 sv
7 7/8"	5 1/2"	12#	K-55	2,000'	250 sv

Geologic Objectives Clark & Wilson Sand

Proposed Depth 2,000 feet

Company/Operator: D Y OIL, INC.

Signature Duane Leavitt

Position Agent

Date 11-6-89

SEND WELL COMMUNICATION TO:

Name Duane Leavitt

Address 538 N 68th Place

Springfield OR 97478

Phone 747-4236 (Day) 726-4088 (Night)

DOGAMI Approved November 9, 19 89

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 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.