

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 Oregon Natural Gas Development Corp. OM 32a-11
(an oil well) (Company or operator) (Lease) (Well No.)

in NE 1/4 of Sec. 11, T. 6N, R. 5W W.B.&M. Directional? No X Yes
Survey Coordinates: 1800' south & 1850' west from northeast corner sec. 11; T6N; R5W

Wildcat: _____ (or) Field Name: Mist field - storage observa- County: Clatsop
Elevation of ground above sea level is 1100 feet. All depth measurements are taken from
Kelly Bushing, which is 11.4 feet above ground.

Lessor (Mineral Owner): Oregon Natural Gas Development Corp. 229

Address: 220 N.W. Second Avenue, Portland, Oregon 97209

Surface Owner: Covenham Forest Industries 7

Address: 1500 S.W. First, Portland, Oregon JUL 9 1986

Lessee: Oregon Natural Gas Development Corp. 229

Address: 220 N.W. Second Avenue, Portland, Oregon 97209 DEPT. OF GEOLOGY & MINERAL INDUSTRIES

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
8-7/8	7"	20.4	K-55	400'	150sx
6-1/4	4-1/2"	10.5	K-55	3000'	300sx

Geologic Objectives Base of Clark & Wilson Sand

Proposed Depth 3000'

Company/Operator Oregon Natural Gas Develop. Corp. 229

Signature Ladd Thomas

Position Consultant

Date 6/11/86

SEND WELL COMMUNICATION TO:

Name Charles Stinson

Address 220 N.W. Second Avenue

Portland, Oregon 97209

Phone 220-2573 (Day) (Night)

DOGAMI Approved August 22, 1986

The July 1986 stipulations approved by the State Geologist are conditions of this permit.

By Dennis J. Olmstead
Dennis J. 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.