

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. ¹² OM 33D-10
 (an oil well) (Company or operator) (Lease) (Well No.)

^{NW 4} Sec. 10, T. 6N, R. 5W W.B.&M. Directional? No X Yes _____

Survey Coordinates: 2400' SOUTH & 1350' E FROM THE NORTHWEST CORN SEC 10; T6N; R5W

Wildcat: _____ (or) Field Name: MIST-STORAGE OBSERVATION County: COLUMBIA

Elevation of ground above sea level is 730 feet. All depth measurements are taken from _____
KELLY BUSHING, which is 11.4 above ground.

Lessor (Mineral Owner): OREGON NATURAL GAS DEVELOPMENT CORP. ²²⁹ **RECEIVED -PTLD**
 Address: 220 N.W. SECOND AVE., PORTLAND, OREGON 97209

Surface Owner: LONGVIEW FIBRE CO. ²⁸⁷ **MAY 20 1986**
 Address: P. O. BOX 667, LONGVIEW, WA., 98632 **DEPT. OF GEOLOGY**

Lessee: OREGON NATURAL GAS DEVELOPMENT CO. ²²⁹
 Address: 220 N.W. SECOND AVENUE., PORTLAND, OREGON 97209

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
9-7/8"	7"	20#	K-55	400	150SX
6-1/4"	4-1/2"	10.5#	K-55	2700	300SX

Geologic Objectives BASE OF CLARK AND WILSON SAND
 Proposed Depth 3000' ²²⁹

Company/Operator OREGON NATURAL GAS DEV. CORP.

Signature [Signature]

Position CONSULTANT

Date 5/13/86

SEND WELL COMMUNICATION TO:

Name CHARLES STINSON

Address 220 N.W. SECOND AVENUE

PORTLAND, OREGON 97209

Phone 220-2573 (Day) _____ (Night)

DOGAMI Approved July 3, 1986
 The September 1984 stipulations approved by the State Geologist are conditions of this permit.
 By [Signature]
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.