

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
910 State Office Building Portland, Oregon 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)

(an oil well) to be known as Oregon Natural Gas Development ONGD IW 33D-3
(Company or Operator) (Lease) (Well No.)

In SE 1/4 of Sec. 3, T. 6N, R. 5W W.B.&M Directional? No Yes X

Survey Coordinates: From the east 1/4 corner, Section 3 ; south 730' and west 1850'

Wildcat: _____ (or) Field Name: Mist - Underground Storage County Columbia

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 229

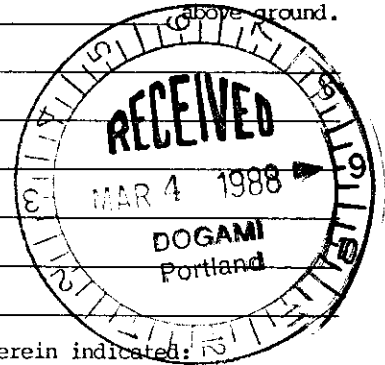
Address: 220 N. W. Second Avenue Portland, Oregon

Surface Owner: Cavenham Forest Industries 7

Address: 62424 N. Nehalem Highway Vernonia, Oregon 97064

Lessee: Oregon Natural Gas Development 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
17 1/2"	13 3/8"	54.5	K-55	450'	545 sx
12 1/2"	8 5/8"	36.0	N-80	2,600'	950 sx

Geologic Objectives Clark and Wilson Sand

Proposed Depth 2,900' TVD

Company/Operator Oregon Natural Gas Development 229

Signature Todd Thomas

Position Field Operations Superintendent

Date 3/1/88

SEND WELL COMMUNICATION TO:

Name Todd Thomas

Address 220 N. W. Second Avenue

Portland, Oregon 97209

Phone 220-2573 (Day) 359-4956 (Night)

DOGAMI approved March 30, 19 88

The July 1987 stipulations approved by the State Geologist are conditions of this permit. Notify DOGAMI to witness BOP test.

By Kevin J. Munster

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 drill takes place. (4) Unless specifically exempted, permittee is obligated to comply with all current applicable statutes and rules including those adopted after permit issuance.