

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building Portland, Oregon 97201

OIL & GAS PERMIT 196

JUL 22 1981

APPLICATION FOR PERMIT TO DRILL AN OIL AND GAS WELL OR STRATIGRAPHIC HOLE
(To be accompanied by a \$100 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon July 21 1981

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 OL 1977) application is hereby made for permit to drill a ~~new well~~ ^(new well) to be known as Oregon Natural Gas Development - Johnson
(company or operator) (lease)

Well No. 33-33 in SE 1/4 of Sec. 33, T. 8N, R. 8W W.B.&M,
Olney Field, Clatsop County.

Survey Coordinates: 1900'W and 2050'N of SE corner sec.33

Elevation of ground above sea level is 520 feet. All depth measurements are taken from top of Kelly Bushing, which is 14' above ground.

Lessee: Oregon Natural Gas Development Corp.

Address: 123 N.W. Flanders, Portland, OR 97209

Lessor: Howard B. and Virginia Johnson

Address: Rt. 1 Box 651, Astoria, OR 97103


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 and type	New or second hand	Depth	Landed or cemented No. sacks cement
14 3/4"	10 3/4"	40.5#	K-55	New	1000'	630 sacks
9 7/8"	7"	29#	K-55 & N-80	New	10,000"	650 sacks

Proposed Depth: 10,000' Objectives: Cowlitz Formation

Oregon Natural Gas Development Corp.

company or operator

By Charles Stinson 

Position Petroleum Engineer

Send communications regarding well to:

Name Charles Stinson

Address 123 NW Flanders

Portland, OR 97209

Approved August 19, 19 81
except as follows: The October 1980
stipulations approved by the
Governing Board of the Department
will be made a condition
of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY

By PETROLEUM GEOLOGIST

NOTE: This permit is valid only if land use approval is obtained from the county or city in which the drilling takes place, and provided these authorities make a determination of compliance with statewide goals.