

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

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 August 18, 19 82

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} ~~(existing well)~~ to be known as Oregon Natural Gas Dev.-Patton
(company or operator) (lease)

Well No. 32-9 in NE $\frac{1}{4}$ of Sec. 9, T. 7N, R. 8W W.B.&M,
Olney Field, Clatsop County.

Survey Coordinates: 2068.78 ft. S, 1380.10 ft. W. of N.E. Corner of Section 9
(Survey filed 6/14/82)

Elevation of ground above sea level is 752 feet. All depth measurements are taken from top of kelly bushing, which is 21 ft. above ground.

Lessee: Wexpro Company

Address: P.O. Box 11070, Salt Lake City, UT 84147

Lessor: Alan R. Patton

Address: 12552 Phinney Avenue, N., Seattle, WA 98103

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
17 $\frac{1}{2}$ "	13-3/8"	54.5	K-55	New	400 ft	360 sacks
12 $\frac{1}{2}$ "	9-5/8"	36.0	K-55	New	3,000 ft	350 sacks
8-3/4"	5-1/2"	17.0	K-55/N-80	New	11,000 ft	400 sacks

Proposed Depth: 11,000 ft. Objectives: Cowlitz Formation

Clark & Wilson Equivalent. This is an extension of Permit No. 199, granted 10/22/81.

Approved August 16, 19 82
except as follows: The October 1980 stipulations of the Governing Board of this Department are a condition of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY

By M. S. King Petroleum Geologist

Oregon Natural Gas Development Corp.

company or operator

By Carl N. Petterson, P.E.

Position Supervising Engineer

Send communications regarding well to:

Name C. E. Stinson

Address 123 N.W. Flanders Street

Portland, OR 97209

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.

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

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 7/29 1982

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} ~~(old well)~~ to be known as Oregon Natural Gas Dev. - Patton
(company or operator) (lease)

Well No. 32-9 in NE $\frac{1}{4}$ of Sec. 9, T. 7N, R. 8W W.B.&M,
Olney Field, Clatsop County.

Survey Coordinates: 2068.78ft.S, 1380.10 ft. W. of N.E. Corner of section 9
(Survey filed 6/14/82)

Elevation of ground above sea level is 752 feet. All depth measurements are taken from top of kelly bushing, which is 21 ft. above ground.

Lessee: Wexpro Company,

Address: P. O. Box 11070, Salt Lake City, UT 84147

Lessor: Alan R. Patton

Address: 12552 Phinney Ave., N., Seattle, WA 98103

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
17 $\frac{1}{2}$ "	13-3/8"	54.5	K-55	New	400 ft	360 sacks
12 $\frac{1}{2}$ "	9-5/8"	36.0	K-55	New	3000 ft	350 sacks
8-3/4"	5-1/2"	17.0	K-55/N-80	New	10,000 ft	400 sacks

Proposed Depth: 10,000 ft.

Objectives: Cowlitz Formation,

Clark & Wilson Equivalent. This is an extension of Permit No. 199, granted 10/22/81

Approved August 2, 19 82
except as follows: The October 1980 stipulations of the Governing Board of this Department are conditions of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY
By M. D. Berg
Petroleum Geologist

Oregon Natural Gas Development Co.

company or operator

By Carl N. Petterson, P.E. *Carl N. Petterson*

Position Supervising Engineer

Send communications regarding well to:

Name C. E. Stinson

Address 123 N.W. Flanders St.,

Portland, OR 97209

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.

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

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 Sept. 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) (stratigraphic hole) to be known as Oregon Natural Gas Dev. - Patton
(company or operator) (lease)

Well No. 32-9 in NE 1/4 of Sec. 9, T. 7N, R. 8W W.B.&M,
Olney Field, Clatsop County.

Survey Coordinates: 1500' S. and 2000' W. of N.E. corner, Sec. 9

Elevation of ground above sea level is 780' feet. All depth measurements are taken from top
of Kelly Bushing, which is 21 feet above ground.

Lessee: Wexpro Company

Address: P.O. Box 11070, Salt Lake City, Utah 84147

Lessor: Alan R. Patton

Address: 12552 Phinney Ave., No., Seattle, WA 98103

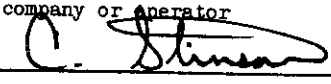
We propose to use the following strings of casing and to land or cement them as herein indicated:

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
12 1/4	9 5/8	36#	K-55	New	800'	310 sacks
8 3/4"	7"	26#	K-55 & N-80	New	8000'	400 sacks

Proposed Depth: 8000' Objectives: Cowlitz formation

Oregon Natural Gas Development Corp.

company or operator

By C. Stinson 

Position Petroleum Engineer

Send communications regarding well to:

Name Charles Stinson

Address 123 N.W. Flanders

Portland, OR 97209

Approved October 22, 19 81
except as follows: The October 1980
stipulations approved by the
Governing Board of the Depart-
ment will be made a condition
of this permit.

DEPT. OF GEOLOGY & MINERAL INDUSTRY


PETROLEUM ENGINEER

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.