

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.)

Coos County, Oregon Feb 16, 19 80

In compliance with rules and regulations pursuant to ORS 520 (Chapter 296 (CL 1977) application is hereby made for permit to drill a (new well) to be known as Northwest Exploration Co. Fat Elk (company or operator) (lease)

Well No. 1 in SW/4 of Sec. 15, T. 28S, R. 13W W.B.&M, Wildcat Field, Coos County.

Survey Coordinates: 2586' FSL & 882' FWL Sec 15, T28S, R13W, Coos County, Oregon

Elevation of ground above sea level is 688' feet. All depth measurements are taken from top of Kelly Bushing, which is 12-1/2' above ground.

Lessee: Northwest Exploration Company
Address: P.O. Box 90, Farmington, New Mexico 87401
Lessor: Menasha Corporation
Address: P.O. Box 588, North Bend, Oregon 97459

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 ST&C	New	650'	240 sks
8-3/4"	5-1/2"	15.5	K-55 ST&C	New	6500'	670 sks

Proposed Depth: 6500' Objectives: Eocene

LOCATION APPROVED AT MAY 1, 1980 GOVERNING BOARD MEETING

Approved May 2, 1980, 19 80 except as follows:
Stipulations of March 27, 1980 are a condition of this permit (see attached)
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By *Arnon C. Newton* Petroleum Engineer

Northwest Exploration Company
By *D. H. Maroncelli* company or operator
Position D. H. Maroncelli Sr. Drilling Engineer
Send communications regarding well to:
Name D. H. Maroncelli
Address P.O. Box 90 Farmington, New Mexico 87401

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.

API No.

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Proposed Depth: 6500' Objectives: Eocene

Approved *April 4*, 1980 except as follows:
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By _____ Director

Northwest Exploration Company
By *D. H. Maroncelli* company or operator
Position D. H. Maroncelli Sr. Drilling Engineer
Send communications regarding well to:
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