

DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRY
1009 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.)

Houston, Texas, ~~01/21~~ 9/21 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 Frontier Division Florida Exploration Co. (company or operator) (lease)

Well No. 1-4 in N/E N/E of Sec. 4, T. 21 S., R. 6 W. W.B.&M,
Wildcat Field, Douglas County.

Survey Coordinates: 43 46'47" Lat. 123 24'35" Long. Crow Quadrangle
From NE corner, 140'S, 445' W

Elevation of ground above sea level is 776° feet. All depth measurements are taken from top of RKB, which is 15' above ground.

Lessee: Mobil Oil Corporation

Address: Denver, Colorado

Lessor: _____

Address: _____

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
17½	13 3/8"	54.5	K-55 ST.C	New	800+	800 sx
12½	8 5/8"	32.0	K-55 ST.C	New	3000	1400 sx
7 7/8	4 1/2"	11.6	K-55 N-80	New	10000	800 sx

Proposed Depth: 10,000 feet Objectives: Upper turbite Roseburg @ 3229':

Middle marine volcanic & sedimentary unit @ 7076: lower unit of Delta Sandstone (Sutherland Creek Facies) 8458: Lower volcanic (Basalt) estimated below 8500.

Frontier Division Florida Exploration Co.
company or operator

By Thomas H. Roy

Position Division Engineer

Send communications regarding well to:

Name Thomas H. Roy

Address Florida Exploration Co. Frontier Div.

1900 W. Loop South, Suite 1850
Houston, Texas 77027 (713)961-1633

Approved Feb 18, 19 82
except as follows: The October 1980 stipulations approved by the Governing Board of this Department will be made a condition of this permit.
DEPT. OF GEOLOGY & MINERAL INDUSTRY
By Annis J. Christensen Director

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.