

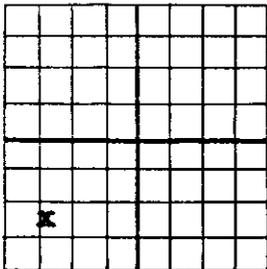
APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE  
(To be accompanied by a \$25.00 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland Oregon August 31 19 66

Department of Geology and Mineral Industries  
Portland, Oregon

In compliance with rules and regulations pursuant to ORS 520 (Chapter 667 OL 1953) application is hereby made for permit to ~~drill~~

~~drill~~ **deepen well** (stratigraphic hole) to be known as: Central Oils, Inc. Federal-Morrow  
Well No. Morrow #1 in NE 1/4 SW 1/4 of Sec. 18, T. 12 S, R. 15 E W. B. & M.,  
Grizzly Area Field, Jefferson County.



Section of land  
Area 640 acres

This well is 700 feet (N) (~~S~~) of the South line and 900 feet (E) (~~W~~) of the West line of SW 1/4 sec. 18, T. 12 S., R. 15 E W.M.

(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)  
Elevation of ground above sea level is 3600 feet. All depth measurements are taken from top of rig floor, which is 5 feet above ground.

The lessee is Central Oils, Inc.

Address 3031 N.E. 137th Street, Seattle, Washington 98125

The lessor is Federal Government

LOCATE WELL CORRECTLY Address Bureau of Land Management, 729 N.E. Oregon, Portland, Oregon

We estimate that the first productive oil or gas sand should occur at a depth of about Unknown feet.  
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"	8 1/2"	22	Spiral weld	-	543'	Cemented
7-5/8"	Open hole	-	-	-	3,300'	

We propose to drill with ~~rotary~~ tools. **Drill out plug with cable tools. Clean out hole and deepen with rotary equipment.**

If changes in the above plan become advisable we will notify you before cementing or landing casing.

Additional information including names of and expected depths to objective sands (Use additional sheets as needed):

**Pre-Tertiary test.**

I understand that this plan of work must receive approval in writing by the Director of the State Department of Geology and Mineral Industries.

**Central Oils, Inc.**

COMPANY OR OPERATOR

Approved August 31, 19 66

except as follows:

**Receipt of application to suspend by September 17, 1966.**

DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES

By Vernon C. Newton ~~RECEIVED~~  
**Petroleum Engineer**

By Robert F. Harrison

Position Vice President, Central Oils, Inc.

Send communications regarding well to:

Name A. R. Morris

Address 3031 N.E. 137th St.,

Seattle, Washington 98125