

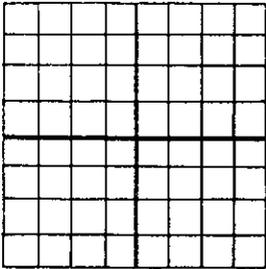
APPLICATION FOR PERMIT TO DRILL NEW WELL OR STRATIGRAPHIC HOLE  
(To be accompanied by a \$25.00 permit fee for new wells only and a surety bond conditioned as provided by law.)

Portland, Oregon 19 71

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

a (new well / stratigraphic hole) to be known as: Texaco Inc. - Federal  
Well No. 1 in SW<sup>1</sup>/<sub>4</sub> of Sec. 31, T. 17 S, R. 23 E W. B. & M.,  
Field, Crook County.



See attached Drwg. 1-V-56  
Section of land  
Area 640 acres

This well is 990' feet (N) (S) of the South line line and 990' feet  
(E) (W) of the West line line of Section 31.

(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)

Elevation of ground above sea level is 3900 feet. (Topo Map)  
All depth measurements are taken from  
top of Kelley Bushing, which is 12'± feet above ground.

The lessee is Texaco Inc.

Address 3350 Wilshire Blvd., Los Angeles, Calif. 90010

The lessor is United States of America

Address Bureau of Land Management - P.O. Box 2965  
Portland, Oregon

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about ± 3000 feet. drill depth  
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
22"	16"	65#	H-40, ST&C	New	400'	623 cu. ft cement
15"	10-3/4"	40.5#	K-55, ST&C	New	4000'	3185 cu. ft cement
9-7/8"	7"	26 & 29#	N-80, LT&C	New	10,000'	2000 cu. ft cement

We propose to drill with rotary tools.  
cable

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):

**3000' ± Depth (cretaceous) has several prospective units; however, because of "rank wildcat" nature it is impossible to predict exact depths of objective sands.**

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

Approved August 2, 19 71  
except as follows:  
**Surface casing to be set not less than 450 feet below ground surface and cemented top to bottom.**  
DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES  
By Vernon C. Newton Jr.

Petroleum Engineer

**TEXACO Inc.**

COMPANY OR OPERATOR  
By   
Position District Superintendent

Send communications regarding well to:

Name M. E. Benson - Texaco Inc.

Address P. O. Box 3337, Ventura, Calif. 93003