

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building, Portland 1, Oregon

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.)

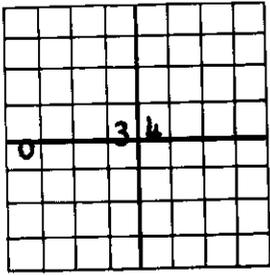
San Francisco, CA. 6222 July 21 19 72

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: Blue Mountain Unit
Well No. _____ in SW 1/4 of Sec. 34, T. 37S., R. 41E. W. B. & M.,
Field, Malheur County.

This well is approximately 2530 feet (N) (S) of the South line and approximately 200 feet
(E) (W) of the West line of Sec. 34, T. 37S., R. 41E., W.M.
(Plat of location survey by Lambert coordinates is attached)
(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)



Section of land
Area 640 acres

Elevation of ground above sea level is 5586 feet. All depth measurements are taken from
top of derrick floor, which is approximately 15 feet above ground.

The lessee is Standard Oil Company of California
Address 225 Bush St., San Francisco, Calif. 94120

The lessor is United States of America
Bureau of Land Management, Oregon State Office
Address 729 Northeast Oregon St., Portland, Oregon 97208

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about 6400 feet. subsurface
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
26"	20"	94#	line pipe	new	30'	50 sacks
17"	13-3/8"	48#	H	"	100'	130 "
12 1/4"	9-5/8"	40#	N-80	"	1000'	400 "
8-3/4"	5-1/2"	17#	N-80 & P-110	"	6000'-9000'	600 "

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):

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

Standard Oil Company of California

Approved September 7, 19 72
except as follows: None
DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
By R. E. Caravan Director

COMPANY OR OPERATOR
By R. W. Armstrong
Position Division Land Manager-Pacific Northwest Divn.
Send communications regarding well to:
Name R. W. Armstrong
Address 320 Market St.
San Francisco, CA. 94111