

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.)

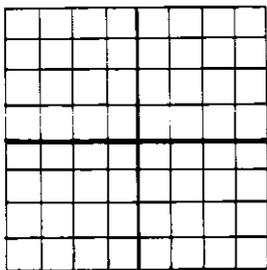
Ontario, Oregon August 18th, 1954

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) to be known as: H. K. Riddle Kiesel Estate
(stratigraphic hole) COMPANY OF OPERATORS LEASE

Well No. #1 in SW 1/4 of Sec. 8, T19 S., R47 East, W.M. B. & M.,
Nyssa (wildcat) Field, Malheur County.



Section of land
Area 640 acres

This well is 1260 feet (~~N~~) of the south line and 1370 feet
(~~E~~) of the west line of Section 8
(Give location from section or other legal subdivision lines or corners. Cross out wrong directions)

Elevation of ground above sea level is _____ feet. All depth measurements are taken from
top of rotary table, which is _____ feet above ground.

The lessee is H. K. Riddle

Address P. O. Box 537, Ontario, Oregon.

The lessor is Fred J. Kiesel Estate,

Address Ogden, Utah

LOCATE WELL CORRECTLY

We estimate that the first productive oil or gas sand should occur at a depth of about 2,000 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
<u>13"</u>	<u>10 3/4"</u>	<u>26#</u>	<u>Standard</u>	<u>new</u>	<u>200</u>	<u>50 sacks</u>

We propose to drill with ~~cable~~ ^{rotary} tools.

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):

We plan to drill this well to at least 4,500 feet. Nothing is known about formations and depths to be encountered, as this is the first well drilled in this area.

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 September 2, 1954
except as follows

DEPARTMENT OF GEOLOGY & MINERAL INDUSTRIES
By F. W. Libbey Director

H. K. Riddle
COMPANY OF OPERATOR

By _____
Position Owner
Send communications regarding well to:
Name H. K. Riddle,
Address P. O. Box 537, Ontario, Oregon.