

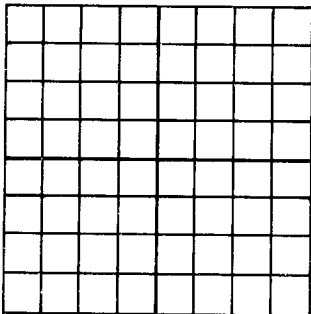
APPLICATION FOR PERMIT TO DRILL A GEOTHERMAL WELL
(To be accompanied by a \$25.00 permit fee for new wells only and a surety bond conditioned as provided by law.)

Department of Geology and Mineral Industries
Portland, Oregon 97201

Portland, Oregon Nov 25, 19 77

In compliance with rules and regulations pursuant to ORS 522 (Chapter 776 OL 1971) application is hereby made for permit to drill
a (new well / prospect well): Phillips Petroleum Company None

Well No. 1 in SE, SE, SE of sec. 12, T. 33S, R. 35E W. B. & M.,
Field, Harney County.



This well is 530 feet (N) (S) of the south line and 530 feet
(E) (W) of the east line of section 12.

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

Elevation of ground above sea level is 4050 feet. All depth measurements are taken from
top of rotary table, which is six feet above ground.

The lessee is no lease has been issued

Address _____

Section of land
Area 640 acres

The lessor is Bureau of Land Management

LOCATE WELL CORRECTLY Address Portland Office

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>8 1/2"</u>	<u>7"</u>	<u>23.5</u>	<u>Standard</u>	<u>New</u>	<u>150'</u>	<u>Cemented 100 sacks</u>
<u>6 1/4"</u>					<u>2000'</u>	

Method of drilling: rotary x, cable _____, other _____.

Proposed objectives: Complete the hole as a temperature gradient hole, measure static water level, observe the subsurface geology

Approved Nov 25, 19 77
except as follows:
Stipulations by DEQ Sept. 2, 1975 made a condition of this permit.
DEPT. OF GEOLOGY & MINERAL INDUS.
By W.C. Newton Petrol Egr Director

Phillips Petroleum Company
company or operator
By Walter R. Benoit Geologist
position
Send communications regarding well to:
Name Walter R. Benoit
Address P.O. Box 10566
Reno, Nevada 89510