

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.)

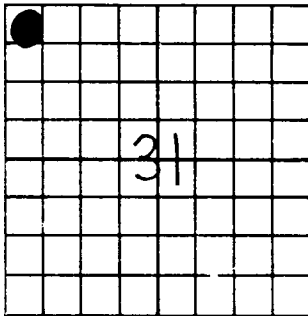
Department of Geology and Mineral Industries  
Portland, Oregon 97201

Portland, Oregon June 22, 1979

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): Francana Resources, Inc. OR12999  
(company or operator) (lease)

Well No. 1 in NW 1/4 of sec. 31, T. 22 south, R. 23 east W. B. & M.,  
Field, Lake County.



This well is 265 feet ~~(XX)~~ (S) of the North line and 265 feet  
(E) ~~(XX)~~ of the West 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 (no topos available) feet. All depth measurements are taken from

top of Ground surface, which is NA above ground.

The lessee is U.S. Department of the Interior

Address \_\_\_\_\_

Section of land  
Area 640 acres

The lessor is Francana Resources, Inc.

LOCATE WELL CORRECTLY Address 600 Capitol Life Center, Denver, Colorado 80203

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
9 7/8 in	7 inch	20	H-40	New	200 ft.	75 sacks

Method of drilling: rotary XX, cable \_\_\_\_\_, other \_\_\_\_\_.

Proposed objectives:

Approved July 20, 1979  
except as follows. Stipulations approved  
by the Governing Board of the  
Department will be made a con-  
dition of this permit.  
  
DEPT. OF GEOLOGY & MINERAL INDUS.  
Petroleum Engineer

Francana Resources, Inc.  
company or operator  
By [Signature]  
Norman D. Knowles, President position  
Send communications regarding well to:  
Name GeoThermal Services, Inc.  
Address 10072 Willow Creek Road