

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.)

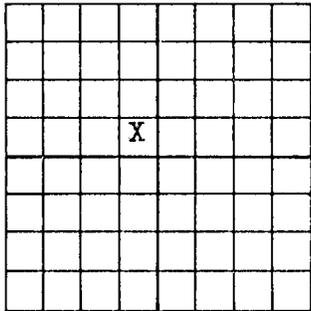
Tulsa ~~Oklahoma~~ ~~Oregon~~ Sept. 19, 1975

Department of Geology and Mineral Industries  
Portland, Oregon 97201

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): San Juan Oil Company "Wolfson Ranch"  
(company or operator) (lease)

Well No. 1-ST in SE/4 NW/4 sec. 22, T. 39S, R. 24E W. B. & M.,  
Field, Lake County.



Section of land  
Area 640 acres

This well is 2200 feet (~~N~~) (S) of the North line and 2000 feet  
(E) (~~E~~) of the West line of Sec. 22.

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

Elevation of ground above sea level is 4500± feet. All depth measurements are taken from  
top of Kelly Bushing, which is 20± above ground. (top)

The lessee is Gulf Mineral Resources Company

Address 1720 S. Bellaire St., Denver, Colorado 80222

The lessor is Wolfson Ranch, a limited partnership

LOCATE WELL CORRECTLY Address P. O. Box 311, Los Banos, California 93635

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
17 1/2"	13 3/8"	48#/ft.	H-40 ST&C	New	300'	210 sks. cmt.
12 1/4"	9 5/8"	32#/ft.	H-40 ST&C	New	1200'	395 sks. cmt.
8 3/4"	7"	23#/ft.	J-55 ST&C	New	6500'±	945 sks. cmt.
8 3/4"	slotted 5"	15#/ft.	J-55 ST&C	New	6300'-7500'	--

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

Proposed objectives:

Fractured Basalt Flows.

Approved October 27, 19 75  
except as follows: Additional regs  
apply;  
DEQ Stipulations 9/2/75  
BCP Regs 11/1/75  
DEPT. OF GEOLOGY & MINERAL INDUS.  
By P. E. Casanova Director  
State Geologist

San Juan Oil Company  
company or operator  
By J. L. Wright Senior Vice President  
position  
Send communications regarding well to:  
Name San Juan Oil Company  
Attn: Mr. E. J. Milt  
Address 1437 South Boulder Avenue  
Tulsa, Oklahoma 74119

(Submit in triplicate)