APPLICATION FOR PERMIT TO DRILL A GEOF THERMAL 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

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)


This well is 2200 feet (N) (S) of the North line and 2000 feet (E) (W) 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 feet 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

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:

<table>
<thead>
<tr>
<th>Size of hole</th>
<th>Size of casing</th>
<th>Weight in pounds per foot</th>
<th>Grade and type</th>
<th>New or second hand</th>
<th>Depth</th>
<th>Landed or cemented No. socks cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 1/2&quot;</td>
<td>13 3/8&quot;</td>
<td>48#/ft.</td>
<td>H-40 ST&amp;C</td>
<td>New</td>
<td>300'</td>
<td>210 sks. cement</td>
</tr>
<tr>
<td>12 1/4&quot;</td>
<td>9 5/8&quot;</td>
<td>32#/ft.</td>
<td>H-40 ST&amp;C</td>
<td>New</td>
<td>1200'</td>
<td>395 sks. cement</td>
</tr>
<tr>
<td>8 3/4&quot;</td>
<td>7&quot;</td>
<td>23#/ft.</td>
<td>J-55 ST&amp;C</td>
<td>New</td>
<td>6500'</td>
<td>945 sks. cement</td>
</tr>
<tr>
<td>8 3/4&quot;</td>
<td>slotted 5&quot;</td>
<td>15#/ft.</td>
<td>J-55 ST&amp;C</td>
<td>New</td>
<td>6300'-7500'</td>
<td>--</td>
</tr>
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</table>

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

Proposed objectives:

Fractured Basalt Flows.

Approved October 27 , 1975 except as follows: Additional regs apply;
DEQ Stipulations 9/2/75
BCP Regs 11/1/75
DEPT. OF GEOLOGY & MINERAL INDUS.

By State Geologist

San Juan Oil Company

By Senior Vice President

Send communications regarding well to:

Name San Juan Oil Company

Address 1437 South Boulder Avenue

Tulsa, Oklahoma 74119

(Submit in triplicate)