UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☑
DEEPEN ☐
PLUG BACK ☐

1b. TYPE OF WELL
OIL WELL ☑
GAS WELL ☐
OTHER ☐

2. NAME OF OPERATOR
*Pan American Petroleum Corporation (Agent)

3. ADDRESS OF OPERATOR
Security Life Building Denver, Colorado

4. LOCATION OF WELL: [Report location clearly and in accordance with any State requirements.]
At surface: 300' N of S Line, 2970' E of W Line Block 39N-69W
Lambert Coordinates: x = 910,010
y = 602,220

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:

6. LOCATION OR NEAREST PROPERTY OR LEASE LINE, FT.
(Also nearest dirg. unit line, W ANF)

7. DISTANCE FROM NEAREST DRILLING WELLS TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

8. NO. OF ACRES IN LEASE

9. NO. OF ACRES APPLIED FOR TO THIS WELL

10. ROTARY OR CABLE TOOLS

11. ROTARY TABLE AT MLLW estimated to be 428' above ocean floor.

12. APPROX. DATE WORK WILL START

13. PROPOSED Casing and cementing program

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size of Casing</th>
<th>Wt. Per Foot</th>
<th>Setting Depth</th>
<th>Quantity of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>28&quot; - 20&quot;</td>
<td>16&quot; - 13-3/8&quot;</td>
<td>54.5# - 84#</td>
<td>50' - 500'</td>
<td>Circulate to surface</td>
</tr>
<tr>
<td>15&quot;</td>
<td>11-3/4&quot;</td>
<td>42# - 47#</td>
<td>2000'</td>
<td>Circulate to surface</td>
</tr>
<tr>
<td>12-1/4&quot;</td>
<td>9-5/8&quot;</td>
<td>40# - 43.5#</td>
<td>5000'</td>
<td>(Amount to be determined from log calculations; sufficient to cover all productive zones.</td>
</tr>
<tr>
<td>8-3/4&quot;</td>
<td>7&quot;</td>
<td>32# - 38#</td>
<td>10,000'</td>
<td></td>
</tr>
</tbody>
</table>

Drilling Assembly drawing attached.

*Shell Oil Company - Operator

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true vertical depths. Give blowout preventer program, if any.

SIGNED
A. E. Riggs
District Superintendent
DATE 3/15/67

APPROVED BY
J. H. Taylor
Los Angeles District Engineer
DATE 3/17/67

*See instructions on reverse side