

WELL NAME AND NUMBER West Pearl Queen #167

LOCATION 1215' FSL & 1325' FEL, Section 29-19S-35E, Lea County
(New Mexico give U.S.T. & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR GULF OIL CORPORATION

DRILLING CONTRACTOR Cactus Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>370'</u>	<u>1/2</u>	<u>3.2190</u>	<u>3.2190</u>
<u>670'</u>	<u>3/4</u>	<u>3.9300</u>	<u>7.1490</u>
<u>970'</u>	<u>3/4</u>	<u>3.9300</u>	<u>11.0790</u>
<u>1268'</u>	<u>3/4</u>	<u>3.9038</u>	<u>14.9828</u>
<u>1459'</u>	<u>1/2</u>	<u>1.6617</u>	<u>16.6445</u>
<u>1760'</u>	<u>3/4</u>	<u>3.9431</u>	<u>20.5876</u>
<u>2071'</u>	<u>3/4</u>	<u>4.0741</u>	<u>24.6617</u>
<u>2570'</u>	<u>3/4</u>	<u>6.5369</u>	<u>31.1986</u>
<u>2870'</u>	<u>1</u>	<u>5.2500</u>	<u>36.4486</u>
<u>3170'</u>	<u>1</u>	<u>5.2500</u>	<u>41.6986</u>
<u>3443'</u>	<u>1-1/4</u>	<u>5.9514</u>	<u>47.6500</u>
<u>3874'</u>	<u>1-1/4</u>	<u>9.3958</u>	<u>57.0458</u>
<u>4192'</u>	<u>1-1/4</u>	<u>6.9324</u>	<u>63.9782</u>
<u>4477'</u>	<u>1-1/4</u>	<u>6.2130</u>	<u>70.1912</u>
<u>4768'</u>	<u>1-1/4</u>	<u>6.3438</u>	<u>76.5350</u>
<u>4944'</u>	<u>3/4</u>	<u>2.3056</u>	<u>78.8406</u>
<u>5050'</u>	<u>1</u>	<u>1.8550</u>	<u>80.6956</u>

Drilling Contractor Cactus Drilling Co.

By Ronnie Ramsey

Subscribed and sworn to before me this 3 day of November, 1969

My Commission Expires:

1273

Raymond E. Brown
Notary Public
Lea County, N.M.