

WELL NAME AND NUMBER West Pearl Queen Unit #168

LOCATION 1150' FNL & FEL, Section 31-19-S, 35-E, Lea County  
(New Mexico give U.S.T. & R; Texas give S, B1k., 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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>375'</u>	<u>1/4</u>	<u>1.6500</u>	<u>1.6500</u>
<u>714'</u>	<u>1/4</u>	<u>1.4916</u>	<u>3.1416</u>
<u>1027'</u>	<u>1/4</u>	<u>1.3772</u>	<u>4.5188</u>
<u>1314'</u>	<u>1/4</u>	<u>1.2628</u>	<u>5.7816</u>
<u>1626'</u>	<u>1/2</u>	<u>2.7144</u>	<u>8.4960</u>
<u>1920'</u>	<u>1/4</u>	<u>1.2936</u>	<u>9.7896</u>
<u>2220'</u>	<u>1/4</u>	<u>1.3200</u>	<u>11.1096</u>
<u>2520'</u>	<u>1/2</u>	<u>2.6100</u>	<u>13.7196</u>
<u>2820'</u>	<u>1/2</u>	<u>2.6100</u>	<u>16.3296</u>
<u>3186'</u>	<u>1/2</u>	<u>3.1842</u>	<u>19.5138</u>
<u>3365'</u>	<u>3/4</u>	<u>2.3449</u>	<u>21.8587</u>
<u>3814'</u>	<u>1-1/2</u>	<u>11.7638</u>	<u>33.6225</u>
<u>4098'</u>	<u>1-3/4</u>	<u>8.6620</u>	<u>42.2845</u>
<u>4321'</u>	<u>1-3/4</u>	<u>6.8015</u>	<u>49.0860</u>
<u>4499'</u>	<u>2</u>	<u>6.2122</u>	<u>55.2982</u>
<u>4716'</u>	<u>2</u>	<u>7.5733</u>	<u>62.8715</u>
<u>4880'</u>	<u>1-3/4</u>	<u>5.0020</u>	<u>67.8735</u>

Drilling Contractor Cactus Drilling Company

By Ronnie Ramsey

Subscribed and sworn to before me this 21 day of November, 19 69

My Commission Expires:

Reggie R. Brown  
Notary Public  
Lea County, NM

My Commission Expires Feb. 6, 1973