

WELL NAME AND NUMBER West Pearl Queen Unit #165 OFFICE D. C. C.  
 LOCATION 1420' FSL 1325' FWL Section 29-19S-125E, Lea County  
 (New Mexico give U.S.T. & R; Texas give S, B.R., Sur. & T. 50' 11/2' 89)  
 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>365'</u>	<u>1/4</u>	<u>1.6060</u>	<u>1.6060</u>
<u>675'</u>	<u>1/2</u>	<u>2.6970</u>	<u>4.3030</u>
<u>980'</u>	<u>3/4</u>	<u>3.9955</u>	<u>8.2985</u>
<u>1331'</u>	<u>3/4</u>	<u>4.5981</u>	<u>12.8966</u>
<u>1617'</u>	<u>1/2</u>	<u>2.4882</u>	<u>15.3848</u>
<u>1919'</u>	<u>1/2</u>	<u>2.6274</u>	<u>18.0122</u>
<u>2188'</u>	<u>1</u>	<u>4.7075</u>	<u>22.7197</u>
<u>2461'</u>	<u>1-1/2</u>	<u>7.1526</u>	<u>29.8723</u>
<u>2776'</u>	<u>1-1/2</u>	<u>8.2530</u>	<u>38.1253</u>
<u>3085'</u>	<u>1-3/4</u>	<u>9.5481</u>	<u>47.6734</u>
<u>3554'</u>	<u>2</u>	<u>16.3681</u>	<u>64.0415</u>
<u>3655'</u>	<u>2</u>	<u>3.5249</u>	<u>67.5664</u>
<u>3977'</u>	<u>2</u>	<u>11.2378</u>	<u>78.8042</u>
<u>4211'</u>	<u>1-3/4</u>	<u>7.1370</u>	<u>85.9412</u>
<u>4451'</u>	<u>1-1/4</u>	<u>5.2320</u>	<u>91.1732</u>
<u>4661'</u>	<u>1</u>	<u>3.6750</u>	<u>94.8482</u>
<u>5065'</u>	<u>1</u>	<u>7.0700</u>	<u>101.9182</u>

Drilling Contractor Cactus Drilling Co.

By *Thomas P. ...*

Subscribed and sworn to before me this 11 day of June, 1969

My Commission Expires:  
7-10-72

*Donald ...*  
Notary Public  
1-1 County, MM