

WELL NAME AND NUMBER Graham State (NCT-J) No. 1

LOCATION 660' FNL & 1650' FEL Section 25, T-21-S, R-36-E
(New Mexico give U.S.T. & R; Texas give S, T&R, Sec. & 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>232'</u>	<u>1/4</u>	<u>1.0208</u>	<u>1.0208</u>
<u>479'</u>	<u>1/2</u>	<u>2.1489</u>	<u>3.1697</u>
<u>572'</u>	<u>1/2</u>	<u>0.8091</u>	<u>3.9788</u>
<u>821'</u>	<u>1/2</u>	<u>2.1663</u>	<u>6.1451</u>
<u>1071'</u>	<u>1/2</u>	<u>2.1750</u>	<u>8.3201</u>
<u>1312'</u>	<u>3/4</u>	<u>3.1571</u>	<u>11.4772</u>
<u>1536'</u>	<u>3/4</u>	<u>2.9344</u>	<u>14.4116</u>
<u>1786'</u>	<u>3/4</u>	<u>3.2750</u>	<u>17.6866</u>
<u>2036'</u>	<u>3/4</u>	<u>3.2750</u>	<u>20.9616</u>
<u>2286'</u>	<u>1-1/2</u>	<u>6.5500</u>	<u>27.5116</u>
<u>2495'</u>	<u>1-1/2</u>	<u>5.4758</u>	<u>32.9874</u>
<u>2686'</u>	<u>1</u>	<u>3.3425</u>	<u>36.3299</u>
<u>2935'</u>	<u>1-1/4</u>	<u>5.4282</u>	<u>41.7581</u>
<u>2960'</u>	<u>1-1/4</u>	<u>0.5450</u>	<u>42.3031</u>
<u>3310'</u>	<u>3/4</u>	<u>4.5850</u>	<u>46.8881</u>
<u>3521'</u>	<u>3/4</u>	<u>2.7641</u>	<u>49.6522</u>
<u>3680'</u>	<u>1-1/2</u>	<u>4.1658</u>	<u>53.8180</u>
<u>3831'</u>	<u>1-1/4</u>	<u>3.2918</u>	<u>57.1098</u>
<u>4312'</u>	<u>1-1/2</u>	<u>12.6022</u>	<u>69.7120</u>
<u>4524'</u>	<u>1/2</u>	<u>1.8444</u>	<u>71.5564</u>
<u>4713'</u>	<u>1/2</u>	<u>1.6443</u>	<u>73.2007</u>
<u>4869'</u>	<u>1/2</u>	<u>1.3572</u>	<u>74.5579</u>
<u>5008'</u>	<u>1/2</u>	<u>1.2093</u>	<u>75.7672</u>
<u>5126'</u>	<u>3/4</u>	<u>1.5458</u>	<u>77.3130</u>
<u>5250'</u>	<u>3/4</u>	<u>1.6244</u>	<u>78.9374</u>
<u>5270'</u>	<u>3/4</u>	<u>0.2620</u>	<u>79.1994</u>

Drilling Contractor Cactus Drilling Co.

By [Signature]
Clerk

Subscribed and sworn to before me this 30 day of January, 1969

My Commission Expires:

2-28-69

[Signature]
Notary Public
County, New Mexico