

WELL NAME AND NUMBER H. T. Mattern (NCT-F) No. 2

LOCATION NE NE Section 1-22S-36E, Lea County, New Mexico  
(New Mexico give U.S.T. & R; Texas give S,Bk.,Sur.& Twp.when required)

OPERATOR GULF OIL CORPORATION

DRILLING CONTRACTOR Cactus Drilling Company, P. O. Box 2068,  
Hobbs, New Mexico 88240

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>0 200</u>	<u>1 1/2 2895</u>	<u>                    </u>	<u>                    </u>
<u>1/4 365</u>	<u>1 1/4 3150</u>	<u>                    </u>	<u>                    </u>
<u>3/4 598</u>	<u>1 3210</u>	<u>                    </u>	<u>                    </u>
<u>3/4 828</u>	<u>1 3260</u>	<u>                    </u>	<u>                    </u>
<u>3/4 1017</u>	<u>1 3446</u>	<u>                    </u>	<u>                    </u>
<u>1 1167</u>	<u>3/4 3644</u>	<u>                    </u>	<u>                    </u>
<u>1 1457</u>	<u>3/4 3810</u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 1640</u>	<u>1/2 3900</u>	<u>                    </u>	<u>                    </u>
<u>1 1738</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 1979</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 2209</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1 1/2 2400</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1-3/4 2505</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1-3/4 2840</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor Cactus Drilling Company

By M.B. Clark

Subscribed and sworn to before me this 10 day of February, 19 72

My Commission Expires:

March 30, 1974

Marcel H. Verschueren  
Notary Public  
Lea County, New Mexico