

WELL NAME AND NUMBER Crinkard (NCT-B) No. 5  
LOCATION 880' FSL and 1980' FEL of Section 30, T-22-S, R-38-E Lea County, NM  
(Give Unit, Section, Township and Range)  
OPERATOR Gulf Energy & Minerals Corporation  
DRILLING CONTRACTOR M-G-F Drilling Company, Inc.

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>1/4 275</u>	<u>3/4 4462</u>	<u>                    </u>
<u>1/4 547</u>	<u>3/4 4785</u>	<u>                    </u>
<u>3/4 820</u>	<u>3/4 5078</u>	<u>                    </u>
<u>3/4 1240</u>	<u>1 5371</u>	<u>                    </u>
<u>3/4 1495</u>	<u>1 5664</u>	<u>                    </u>
<u>1 1750</u>	<u>1 1/4 5957</u>	<u>                    </u>
<u>1 2040</u>	<u>1 1/4 6246</u>	<u>                    </u>
<u>3/4 2330</u>	<u>3/4 6535</u>	<u>                    </u>
<u>1 1/4 2693</u>	<u>3/4 6939</u>	<u>                    </u>
<u>1 2700</u>	<u>1/2 7344</u>	<u>                    </u>
<u>3/4 2999</u>	<u>3/4 7590 TD</u>	<u>                    </u>
<u>1 2770</u>	<u>                    </u>	<u>                    </u>
<u>1 3226</u>	<u>                    </u>	<u>                    </u>
<u>1 3682</u>	<u>                    </u>	<u>                    </u>
<u>3/4 4140</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor M-G-F Drilling Co., Inc.  
By: J. A. Lawson  
Drilling Superintendent  
Subscribed and sworn to before me this 19 day of May, 1977  
Nicky L. Dye  
Notary Public  
My Commission Expires: June 1, 1977 Midland County Texas