

WELL NAME AND NUMBER A. L. Christmas C-13

LOCATION 660' FNL & 850' FEL of Section 18, T-22-S, R-37-E
(Give Unit, Section, Township and Range)

OPERATOR Gulf Energy and Minerals Company - U.S.

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>1/4 250</u>	<u>1 2777</u>	<u> </u>
<u>1/2 750</u>	<u>1 1/4 2901</u>	<u> </u>
<u>1/4 1115</u>	<u>1 2994</u>	<u> </u>
<u>1 1/2 1602</u>	<u>3/4 3148</u>	<u> </u>
<u>1 3/4 1695</u>	<u>1/2 3231</u>	<u> </u>
<u>1 3/4 1815</u>	<u>1/4 3404</u>	<u> </u>
<u>2 1905</u>	<u>3/4 3945</u>	<u> </u>
<u>2 1/4 1970</u>	<u>1 1/4 4338</u>	<u> </u>
<u>3 2120</u>	<u>1 3/4 4542</u>	<u> </u>
<u>2 3/4 2180</u>	<u>1 1/4 4885</u>	<u> </u>
<u>2 1/2 2283</u>	<u>1 1/4 5230</u>	<u> </u>
<u>2 1/4 2375</u>	<u>1/4 5564</u>	<u> </u>
<u>2 1/4 2465</u>	<u>1 1/2 5854</u>	<u> </u>
<u>2 2560</u>	<u>3/4 6278</u>	<u> </u>
<u>1 3/4 2650</u>	<u>3/4 6700 TD</u>	<u> </u>
<u>1 2777</u>		<u> </u>

Drilling Contractor M-G-F Drilling Company, Inc.

By: J. D. Johnson
Drilling Superintendent

Subscribed and sworn to before me this 13 day of September, 1977

Vicky L. Nye
Notary Public

My Commission Expires: August 31, 1978

Midland County Texas

RECEIVED

11/2/67

QTL CONSERVATION COMM.
BUREAU OF WILDLIFE