

WELL NAME AND NUMBER LEA 5D STATE (NCT-1, No. 2)
LOCATION SECTION 16, T-19-S R-34-E, LEA COUNTY, NEW MEXICO
(Give Unit, Section, Township and Range)
OPERATOR GULF OIL EXPLORATION & PRODUCTION CO.
DRILLING CONTRACTOR SHARP DRILLING CO. 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>1/4 148</u>	<u>1 3720</u>	<u>1/2 9512</u>
<u>1/4 410</u>	<u>3/4 4358</u>	<u>1/2 9917</u>
<u>1/2 850</u>	<u>1 4850</u>	<u>3/4 10100</u>
<u>1 1340</u>	<u>1 5340</u>	<u>1 10537</u>
<u>1 1730</u>	<u>1 1/4 5830</u>	<u>1 1/4 10637</u>
<u>2 1950</u>	<u>1 1/4 6278</u>	<u>1 1/2 10993</u>
<u>1 1/4 2140</u>	<u>1 1/4 6684</u>	<u>1 3/4 11270</u>
<u>2 2358</u>	<u>1 1/4 7185</u>	<u>2 11520</u>
<u>1 1/4 2546</u>	<u>3/4 7655</u>	<u>1 3/4 11760</u>
<u>1 2796</u>	<u>1 1/4 8076</u>	<u>1 1/2 12110</u>
<u>2 3046</u>	<u>2 3/4 8576</u>	<u>1 1/2 12520</u>
<u>1 3/4 3234</u>	<u>2 3/4 8728</u>	<u>3 13100</u>
<u>1 1/4 3450</u>	<u>2 8916</u>	<u>1 1/2 13340</u>
<u>1 3640</u>	<u>1 3/4 9075</u>	<u>1 13528</u>
<u>1 3/4 3827</u>	<u>1 9292</u>	

Drilling Contractor SHARP DRILLING CO. INC.

By: R. E. Cress, Jr.
R. E. CRESS, JR.

Subscribed and sworn to before me this 19TH day of JULY, 19 78

Notary Public
Notary Public

My Commission Expires: JUNE 30, 1980

Midland County TEXAS