

WELL NAME & NUMBER Emerald 1. #1

LOCATION Sec. 10, T22S, R32E
(Give Unit, Section, Township and Range)

OPERATOR Phillips Petroleum 4001 Penbrook Odessa, Tx. 79762

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, Tx. 79768

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>0.50 350</u>	<u>1.75 4130</u>	<u> </u>	<u> </u>
<u>0.75 857</u>	<u>1.25 4256</u>	<u> </u>	<u> </u>
<u>1.00 1342</u>	<u>2.00 4520</u>	<u> </u>	<u> </u>
<u>1.25 1844</u>	<u>1.25 4724</u>	<u> </u>	<u> </u>
<u>1.75 2126</u>	<u>0.75 5005</u>	<u> </u>	<u> </u>
<u>1.75 2314</u>	<u>0.25 5505</u>	<u> </u>	<u> </u>
<u>2.00 2501</u>	<u>0.75 6007</u>	<u> </u>	<u> </u>
<u>2.25 3690</u>	<u>0.50 6481</u>	<u> </u>	<u> </u>
<u>2.50 2877</u>	<u>0.50 6954</u>	<u> </u>	<u> </u>
<u>2.25 3063</u>	<u>1.25 7423</u>	<u> </u>	<u> </u>
<u>2.25 3252</u>	<u>2.25 7927</u>	<u> </u>	<u> </u>
<u>1.00 3438</u>	<u>1.00 8430</u>	<u> </u>	<u> </u>
<u>3.75 3740</u>	<u>1.75 8832</u>	<u> </u>	<u> </u>
<u>3.25 3889</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.75 4004</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor GRACE DRILLING COMPANY

By L. V. Bohannon
L. V. BOHANNON, DRLG. SUPT.

Subscribed and sworn to before me this 23 day of June, 19 93

Joann McMahon
Notary Public

My Commission Expires

Received

JUL 06 1993

P.B.R. Regulatory Section

