

WELL NAME AND NUMBER Livingston No. 13

LOCATION UNIT LETTER I, SECTION 4, T-21-S, R-37-E
(Give Unit, Section, Township and Range)

OPERATOR Shell Oil Company

DRILLING CONTRACTOR Tom Brown, 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>3/4 347</u>	<u>2 7298</u>	<u> </u>
<u>3/4 403</u>	<u>2 7646</u>	<u> </u>
<u>3/4 1190</u>	<u>1 8156</u>	<u> </u>
<u>1/2 1608</u>	<u> </u>	<u> </u>
<u>3/4 2240</u>	<u> </u>	<u> </u>
<u>3/4 2320</u>	<u> </u>	<u> </u>
<u>1 2557</u>	<u> </u>	<u> </u>
<u>1 3002</u>	<u> </u>	<u> </u>
<u>1/4 3500</u>	<u> </u>	<u> </u>
<u>3/4 3990</u>	<u> </u>	<u> </u>
<u>3/4 4509</u>	<u> </u>	<u> </u>
<u>1/2 5004</u>	<u> </u>	<u> </u>
<u>3/4 5250</u>	<u> </u>	<u> </u>
<u>3/4 5686</u>	<u> </u>	<u> </u>
<u>3/4 6180</u>	<u> </u>	<u> </u>

Drilling Contractor Tom Brown, Inc.

By: C. W. Nix

Subscribed and sworn to before me this 14th day of November, 1980

Manda L. Ramsey
Notary Public

My Commision Expires:

Midland County Texas