

WELL NAME AND NUMBER WHITE CITY PENN UNIT #1 WELL #2

LOCATION K 29-24-26
(Give Unit, Section, Township and Range)

OPERATOR Gulf 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>3/4 120</u>	<u>3/4 3985</u>	<u>1 8415</u>
<u>1/4 300</u>	<u>1/2 4500</u>	<u>1 8964</u>
<u>1 1/2 542</u>	<u>3/4 4824</u>	<u>1 9300</u>
<u>3/4 666</u>	<u>1 1/4 5226</u>	<u>1 9470</u>
<u>3/4 850</u>	<u>3/4 5320</u>	<u>1 9800</u>
<u>1 1164</u>	<u>1 5597</u>	<u>1 1/4 10361</u>
<u>3/4 1360</u>	<u>3/4 5747</u>	<u>1/4 10661</u>
<u>1 1562</u>	<u>1 1/4 5964</u>	<u>1 10959</u>
<u>1 1800</u>	<u>3/4 6147</u>	<u>1 11183</u>
<u>1 2000</u>	<u>3/4 6307</u>	<u>1 11650</u>
<u>3/4 2200</u>	<u>3/4 6684</u>	
<u>3/4 2500</u>	<u>1 7250</u>	
<u>1 2712</u>	<u>1 3/4 7698</u>	
<u>1/2 3012</u>	<u>1 3/4 7898</u>	
<u>1/2 3480</u>	<u>1 1/4 8108</u>	

Drilling Contractor TOM BROWN, INC.

By: Grady Trotter

Subscribed and sworn to before me this 1 day of OCTOBER, 1982

Clayce M. Ludwickson
Notary Public

My Commission Expires: 3-1-86

Midland County Texas