

WELL NAME AND NUMBER De State No. 1

LOCATION 660 FNL 660 FEL, Sec 17, T15S, R33E
(Give Unit, Section, Township and Range)

OPERATOR Tempo Energy, Inc.

DRILLING CONTRACTOR Cherokee Drilling & Development Corporation

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 test and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 @ 166</u>	<u>3/4 @ 4588</u>	<u> </u>
<u>1/4 @ 500</u>	<u>1/4 @ 4995</u>	<u> </u>
<u>1/2 @ 541</u>	<u>1/2 @ 5338</u>	<u> </u>
<u>3/4 @ 962</u>	<u>1 @ 5742</u>	<u> </u>
<u>3/4 @ 1308</u>	<u>1/2 @ 6116</u>	<u> </u>
<u>1/2 @ 1744</u>	<u>3/4 @ 6522</u>	<u> </u>
<u>1/2 @ 2117</u>	<u>1 @ 6930</u>	<u> </u>
<u>1/4 @ 2368</u>	<u>1 @ 7306</u>	<u> </u>
<u>1 @ 2670</u>	<u>1 @ 8143</u>	<u> </u>
<u>1/2 @ 3055</u>	<u>1 1/4 @ 8526</u>	<u> </u>
<u>1 1/4 @ 3460</u>	<u>1 1/2 @ 8932</u>	<u> </u>
<u>1 1/2 @ 3711</u>	<u>1 1/4 @ 9370</u>	<u> </u>
<u>1 @ 3962</u>	<u>1 1/4 @ 9773</u>	<u> </u>
<u>1 @ 4008</u>	<u>1 1/2 @ 10,154</u>	<u> </u>
<u>3/4 @ 4314</u>	<u>1 1/2 @ 10,483</u>	<u> </u>

Drilling Contractor Cherokee Drilling & Dev. Corp.

By Samuel J. Smith

Subscribed and sworn to before me this 21st day of October, 1986

John M. Cunningham
Notary Public

My Commision Expires: 8-1-90

Midland Texas
County State