

WELL NAME & NUMBER Federal 10-3

LOCATION Sec. 10, T23S, R28E Eddy Co., NM
(Give Unit, Section, Township and Range)

OPERATOR Pogo Producing P.O. Box 10340 Midland, TX 79702

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>.75 291</u>	<u>1.00 2521</u>	<u> </u>	<u> </u>
<u>1.00 557</u>	<u>1.00 3019</u>	<u> </u>	<u> </u>
<u>2.00 719</u>	<u>.75 3519</u>	<u> </u>	<u> </u>
<u>2.00 866</u>	<u>1.00 4142</u>	<u> </u>	<u> </u>
<u>1.75 1023</u>	<u>.75 4642</u>	<u> </u>	<u> </u>
<u>2.00 1179</u>	<u>1.00 5141</u>	<u> </u>	<u> </u>
<u>1.25 1335</u>	<u>1.00 5603</u>	<u> </u>	<u> </u>
<u>1.50 1491</u>	<u>1.25 5904</u>	<u> </u>	<u> </u>
<u>1.00 1648</u>	<u>1.75 6330</u>	<u> </u>	<u> </u>
<u>.75 1803</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.75 1958</u>	<u> </u>	<u> </u>	<u> </u>
<u>1.50 2083</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.50 2208</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.50 2303</u>	<u> </u>	<u> </u>	<u> </u>
<u>2.25 2397</u>	<u> </u>	<u> </u>	<u> </u>

Drilling Contractor Grace Drilling Company

By L. V. Bohannon

Subscribed and sworn to before me this 9th day of December, 19 91

Debra Wadde
Notary Public

My Commission Expires 10-1-94

Ector County Texas

