

WELL NAME AND NUMBER Barroque #15-3
LOCATION Section 15, T-24-S, R-29-E, Eddy County, New Mexico
OPERATOR Pogo Producing Company, P.O. Box 10340, Midland, Texas 79702
DRILLING CONTRACTOR TNBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

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:

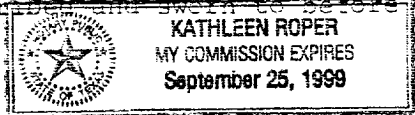
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>.50° @ 245'</u>	<u>2.25° @ 2,664'</u>	<u>2.00° @ 7,567'</u>	<u> </u>
<u>.75° @ 362'</u>	<u>2.00° @ 2,900'</u>	<u>2.00° @ 7,695'</u>	<u> </u>
<u>.50° @ 500'</u>	<u>1.75° @ 3,058'</u>	<u>2.00° @ 7,822'</u>	<u> </u>
<u>.75° @ 610'</u>	<u>.50° @ 3,536'</u>	<u>2.00° @ 8,056'</u>	<u> </u>
<u>.75° @ 760'</u>	<u>.25° @ 4,042'</u>	<u> </u>	<u> </u>
<u>.75° @ 950'</u>	<u>1.00° @ 4,550'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,107'</u>	<u>1.75° @ 5,060'</u>	<u> </u>	<u> </u>
<u>.50° @ 1,269'</u>	<u>1.75° @ 5,540'</u>	<u> </u>	<u> </u>
<u>.50° @ 1,425'</u>	<u>1.25° @ 6,026'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,587'</u>	<u>1.00° @ 6,521'</u>	<u> </u>	<u> </u>
<u>.50° @ 1,827'</u>	<u>1.25° @ 6,776'</u>	<u> </u>	<u> </u>
<u>.25° @ 2,030'</u>	<u>1.25° @ 6,935'</u>	<u> </u>	<u> </u>
<u>.50° @ 2,295'</u>	<u>2.00° @ 7,092'</u>	<u> </u>	<u> </u>
<u>2.25° @ 2,451'</u>	<u>2.00° @ 7,250'</u>	<u> </u>	<u> </u>
<u>2.50° @ 2,541'</u>	<u>3.00° @ 7,440'</u>	<u> </u>	<u> </u>

CONFIDENTIAL

Drilling Contractor TNBR/Sharp Drilling, Inc.

By Jeff Phillips
Jeff Phillips, Engineering Manager

Subscribed and sworn to before me this 6th day of January, 1997



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas