

WELL NAME AND NUMBER Riverbend Federal #11

LOCATION Section 23, T-24-S, R-29-E, Eddy County, New Mexico

OPERATOR Pogo Producing Company, P.O. Box 10340, Midland, Texas 79702

DRILLING CONTRACTOR TMBR/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:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>.75° @ 150'</u>	<u>1.00° @ 3,565'</u>	<u>2.75° @ 7,778'</u>	<u> </u>
<u>.25° @ 535'</u>	<u>.75° @ 4,035'</u>	<u>1.00° @ 8,250'</u>	<u> </u>
<u>1.00° @ 728'</u>	<u>.50° @ 4,289'</u>	<u> </u>	<u> </u>
<u>.75° @ 840'</u>	<u>.25° @ 4,536'</u>	<u> </u>	<u> </u>
<u>.75° @ 973'</u>	<u>.25° @ 4,839'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,223'</u>	<u>.75° @ 5,098'</u>	<u> </u>	<u> </u>
<u>1.00° @ 1,476'</u>	<u>.50° @ 5,381'</u>	<u> </u>	<u> </u>
<u>1.00° @ 1,713'</u>	<u>.75° @ 5,689'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,999'</u>	<u>.75° @ 5,980'</u>	<u> </u>	<u> </u>
<u>.75° @ 2,259'</u>	<u>1.00° @ 6,317'</u>	<u> </u>	<u> </u>
<u>1.00° @ 2,516'</u>	<u>1.00° @ 6,644'</u>	<u> </u>	<u> </u>
<u>3.75° @ 2,909'</u>	<u>1.00° @ 6,899'</u>	<u> </u>	<u> </u>
<u>2.50° @ 3,090'</u>	<u>1.00° @ 7,191'</u>	<u> </u>	<u> </u>
<u>1.75° @ 3,252'</u>	<u>4.00° @ 7,434'</u>	<u> </u>	<u> </u>
<u>1.25° @ 3,516'</u>	<u>4.00° @ 7,526'</u>	<u> </u>	<u> </u>

CONFIDENTIAL

Drilling Contractor TMBR/Sharp Drilling, Inc.

By

Jeff Phillips
Jeff Phillips, Engineering Manager

Subscribed and sworn to before me this 16th day of May, 19 97



KATHLEEN ROPER
MY COMMISSION EXPIRES
September 25, 1999

Kathleen Roper

Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas