

WELL NAME AND NUMBER Test Tank "33" Federal #5

RECEIVED

LOCATION Section 33, T-21-S, R-31-E, Eddy County, New Mexico

MAR 11 1998

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

MIDLAND

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>.25° @ 200'</u>	<u>2.00° @ 3,224'</u>	<u>.75° @ 7,034'</u>	<u>                    </u>
<u>.50° @ 498'</u>	<u>2.00° @ 3,348'</u>	<u>1.25° @ 7,354'</u>	<u>                    </u>
<u>.75° @ 725'</u>	<u>2.00° @ 3,534'</u>	<u>1.00° @ 7,637'</u>	<u>                    </u>
<u>.75° @ 929'</u>	<u>2.25° @ 3,748'</u>	<u>1.50° @ 7,950'</u>	<u>                    </u>
<u>.50° @ 1,177'</u>	<u>1.00° @ 4,136'</u>	<u>1.50° @ 8,110'</u>	<u>                    </u>
<u>.50° @ 1,427'</u>	<u>.75° @ 4,419'</u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 1,652'</u>	<u>.50° @ 4,671'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 1,824'</u>	<u>.75° @ 4,922'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 1,948'</u>	<u>.75° @ 5,201'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 2,134'</u>	<u>1.00° @ 5,517'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 2,321'</u>	<u>1.25° @ 5,800'</u>	<u>                    </u>	<u>                    </u>
<u>2.00° @ 2,508'</u>	<u>.75° @ 6,023'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 2,665'</u>	<u>.75° @ 6,242'</u>	<u>                    </u>	<u>                    </u>
<u>1.75° @ 2,820'</u>	<u>.50° @ 6,430'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 3,036'</u>	<u>1.00° @ 6,749'</u>	<u>                    </u>	<u>                    </u>

CONFIDENTIAL

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips  
Jeff Phillips, VP Production

Subscribed and sworn to before me this 10th day of March, 19 98



KATHLEEN ROPER  
MY COMMISSION EXPIRES  
September 25, 1999

Kathleen Roper

Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas