

WELL NAME AND NUMBER vington A Federal #21 unit P
LOCATION Section 26, T-22-S, R-32-E, Lea County, New Mexico 330/S & 330/E
OPERATOR Pogo Producing Co., P.O. Box 10340, Midland, Texas 79702 3D-025-34025
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

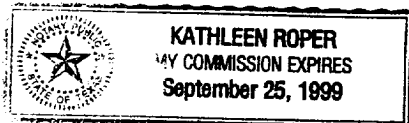
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1.00° @ 225'</u>	<u>2.25° @ 4,887'</u>	<u>.75° @ 8,204'</u>	<u> </u>
<u>.25° @ 463'</u>	<u>2.25° @ 5,010'</u>	<u>1.00° @ 8,443'</u>	<u> </u>
<u>.75° @ 692'</u>	<u>1.75° @ 5,103'</u>	<u>1.75° @ 8,730'</u>	<u> </u>
<u>1.00° @ 992'</u>	<u>1.75° @ 5,198'</u>	<u>1.25° @ 8,900'</u>	<u> </u>
<u>1.00° @ 1,180'</u>	<u>2.00° @ 5,293'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,305'</u>	<u>.75° @ 5,536'</u>	<u> </u>	<u> </u>
<u>1.00° @ 1,554'</u>	<u>.25° @ 6,069'</u>	<u> </u>	<u> </u>
<u>1.00° @ 1,804'</u>	<u>.75° @ 6,321'</u>	<u> </u>	<u> </u>
<u>1.00° @ 2,115'</u>	<u>1.00° @ 6,571'</u>	<u> </u>	<u> </u>
<u>.25° @ 2,672'</u>	<u>1.00° @ 6,815'</u>	<u> </u>	<u> </u>
<u>.25° @ 2,980'</u>	<u>.75° @ 7,005'</u>	<u> </u>	<u> </u>
<u>.50° @ 3,696'</u>	<u>1.00° @ 7,259'</u>	<u> </u>	<u> </u>
<u>1.00° @ 4,065'</u>	<u>1.00° @ 7,475'</u>	<u> </u>	<u> </u>
<u>1.00° @ 4,315'</u>	<u>1.00° @ 7,700'</u>	<u> </u>	<u> </u>
<u>1.00° @ 4,627'</u>	<u>1.00° @ 7,950'</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 9th day of January, 19 98



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas