

WELL NAME AND NUMBER Marshall APH #4

LOCATION Section 9, T-19-S, R-25-E, Eddy County, New Mexico

OPERATOR Yates Petroleum, 105 South 4th Street, Artesia, New Mexico 88210

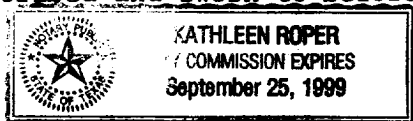
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

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>2.00° @ 307'</u>	<u>2.50° @ 4,743'</u>	<u>1.00° @ 8,117'</u>	<u> </u>
<u>.75° @ 543'</u>	<u>2.75° @ 4,930'</u>	<u>1.25° @ 8,575'</u>	<u> </u>
<u>2.00° @ 944'</u>	<u>2.50° @ 4,992'</u>	<u>1.00° @ 8,836'</u>	<u> </u>
<u>1.75° @ 1,142'</u>	<u>2.00° @ 5,116'</u>	<u>1.50° @ 9,310'</u>	<u> </u>
<u>1.00° @ 1,233'</u>	<u>2.75° @ 5,274'</u>	<u> </u>	<u> </u>
<u>.75° @ 1,640'</u>	<u>2.75° @ 5,388'</u>	<u> </u>	<u> </u>
<u>.75° @ 2,053'</u>	<u>1.50° @ 5,744'</u>	<u> </u>	<u> </u>
<u>1.25° @ 2,450'</u>	<u>1.50° @ 6,018'</u>	<u> </u>	<u> </u>
<u>1.25° @ 2,830'</u>	<u>1.00° @ 6,466'</u>	<u> </u>	<u> </u>
<u>1.25° @ 3,295'</u>	<u>2.25° @ 6,938'</u>	<u> </u>	<u> </u>
<u>1.25° @ 3,703'</u>	<u>3.00° @ 7,018'</u>	<u> </u>	<u> </u>
<u>1.50° @ 4,134'</u>	<u>2.25° @ 7,090'</u>	<u> </u>	<u> </u>
<u>2.25° @ 4,332'</u>	<u>2.50° @ 7,246'</u>	<u> </u>	<u> </u>
<u>1.50° @ 4,490'</u>	<u>2.00° @ 7,308'</u>	<u> </u>	<u> </u>
<u>1.75° @ 4,679'</u>	<u>2.00° @ 7,611'</u>	<u> </u>	<u> </u>

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips
Jeff Phillips, VP Production
Subscribed and sworn to before me this 7th day of January, 19 98



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas