

WELL NAME AND NUMBER Vacuum Glorietta West #77 024-31872  
LOCATION Section 35, T-17-S, R-34-E, Lea County, New Mexico  
OPERATOR Texaco Exploration and Production Inc., P.O. Box 3109, Midland, Texas 79702  
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

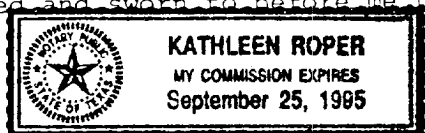
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>.25° @ 422'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 827'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.00° @ 1,210'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.00° @ 1,550'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.25° @ 1,843'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 2,174'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 2,515'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.00° @ 2,822'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 3,119'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 3,430'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.50° @ 3,924'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 4,906'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 5,414'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.50° @ 6,072'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 6,315'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Fred Schwiening  
Fred Schwiening, Contract Coordinator

Subscribed and sworn to before me this 22nd day of June, 19 93



Kathleen Roper  
Notary Public Kathleen Roper

Commission expires: 9/25/95

Midland County, Texas