

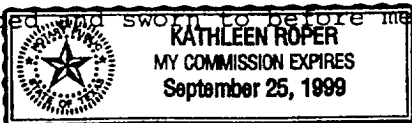
WELL NAME AND NUMBER Pinnacle State #13  
LOCATION Section 36, T-22-S, R-28-E, Eddy County, New Mexico  
OPERATOR Louis Dreyfus Natural Gas Corp., 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134  
DRILLING CONTRACTOR TMBR/Sharp Drilling, Inc., P.O. Drawer 10970, Midland, Texas 79702

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° @ 490'</u>	<u>1.50° @ 2,752'</u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 745'</u>	<u>1.25° @ 2,847'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 982'</u>	<u>1.25° @ 3,077'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 1,134'</u>	<u>1.00° @ 3,340'</u>	<u>                    </u>	<u>                    </u>
<u>1.75° @ 1,290'</u>	<u>.75° @ 3,837'</u>	<u>                    </u>	<u>                    </u>
<u>1.75° @ 1,383'</u>	<u>.50° @ 4,377'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 1,476'</u>	<u>.25° @ 4,837'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 1,570'</u>	<u>1.00° @ 5,329'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 1,726'</u>	<u>.75° @ 5,829'</u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 1,790'</u>	<u>.75° @ 6,373'</u>	<u>                    </u>	<u>                    </u>
<u>1.25° @ 1,893'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.75° @ 1,977'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.50° @ 2,071'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>.50° @ 2,258'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
<u>1.50° @ 2,655'</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips  
Jeff Phillips, Engineering Manager  
Subscribed and sworn to before me this 30th day of September, 1996



Kathleen Roper  
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas