

WELL NAME AND NUMBER N ga Federal #7-31

LOCATION Section 7, T-24-S, R-29-E, Eddy County, New Mexico

OPERATOR Louis Dreyfus Natural Gas Corp., 14000 Quail Spring Pkwy., Suite 600. Oklahoma City, OK 73134

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

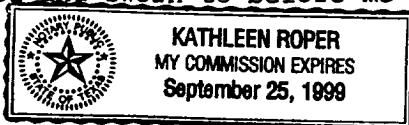
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|------------------------|
| <u>.25° @ 329'</u> | <u>1.00° @ 2,820'</u> | | |
| <u>1.00° @ 658'</u> | <u>1.25° @ 3,115'</u> | | |
| <u>1.00° @ 979'</u> | <u>.75° @ 3,391'</u> | | |
| <u>1.50° @ 1,285'</u> | <u>1.25° @ 3,638'</u> | | |
| <u>2.00° @ 1,440'</u> | <u>1.00° @ 3,887'</u> | | |
| <u>2.00° @ 1,535'</u> | <u>.25° @ 4,378'</u> | | |
| <u>2.00° @ 1,609'</u> | <u>1.00° @ 4,873'</u> | | |
| <u>1.25° @ 1,722'</u> | <u>1.25° @ 5,458'</u> | | |
| <u>1.50° @ 1,845'</u> | <u>.75° @ 5,984'</u> | | |
| <u>1.00° @ 2,060'</u> | <u>.75° @ 6,565'</u> | | |
| <u>1.00° @ 2,187'</u> | | | |
| <u>.75° @ 2,310'</u> | | | |
| <u>1.00° @ 2,467'</u> | | | |
| <u>1.50° @ 2,621'</u> | | | |
| <u>1.25° @ 2,744'</u> | | | |

Drilling Contractor TMBR/Sharp Drilling, Inc.

By Jeff Phillips
Jeff Phillips, Engineering Manager

Subscribed and sworn to before me this 28th day of October, 19 96



Kathleen Roper
Notary Public Kathleen Roper

Commission expires: 9/25/99

Midland County, Texas