

Telephone (505) 748-2205

L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX 872 / ARTESIA, NEW MEXICO 88210
470

August 8, 1989

Great Western Drilling Company
PO Box 1659
Midland, TX 79702

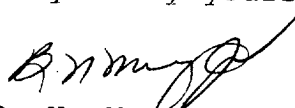
Re: Quail Federal #5
1980' FNL & 1830' FEL
Sec. 22, T6S, R25E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 509' | 1 1/2° |
| 928' | 2 1/2° |
| 1514' | 1 1/2° |
| 1890' | 2° |
| 2017' | 1 3/4° |
| 2513' | 1 3/4° |
| 3007' | 1 1/4° |
| 3498' | 1 3/4° |
| 4050' | 2 1/4° |

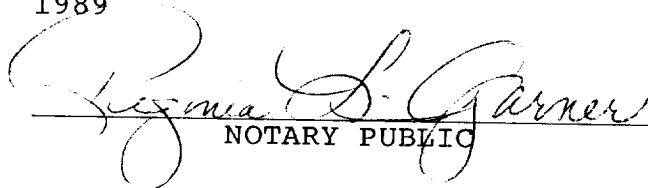
Very truly yours,


B. N. Muncy Jr.
President

STATE OF NEW MEXICO
COUNTY OF EDDY

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§

The foregoing was acknowledged before me this 8th day of August, 1989


NOTARY PUBLIC

