

Below is the Deviation Report for the

Rosa #19M

Sec. 24-31N-6W,

Rio Arriba County, New Mexico

30-039-25577

| Depth | Deviation | Depth | Deviation |
|-------|-----------|-------|-----------|
| 120'  | 1/2°      | 4448' | 1-1/4°    |
| 300'  | 1-1/2°    | 4917' | 1-3/4°    |
| 755'  | 1-3/4°    | 5386' | 2°        |
| 1252' | 1-1/2°    | 5825' | 1-3/4°    |
| 1746' | 1°        | 6261' | 2-1/4°    |
| 2142' | 1-1/2°    | 6686' | 2°        |
| 2640' | 1°        | 7165' | 2°        |
| 3139' | 1°        | 7772' | 2-1/4°    |
| 3505' | 3/4°      | 7955' | 1-3/4°    |
| 4011' | 1°        |       |           |

*Mark McCallister*

Mark McCallister,

Sr. Engineer, Production & Drilling

State of Oklahoma )

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ss:

County of Tulsa )

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The foregoing instrument was acknowledged before me this 4th day of November, 1996, by Mark McCallister.

*Larreen Kimbrel*

Larreen Kimbrel

My Commission Expires:

