

Deviation surveys taken on Cavalcade Oil Corporation's Federal 21 #4 well in Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
422	.25
892	1.00
1392	1.00
1834	.75
2307	1.00
2770	1.50
3247	.75
3710	1.00
4191	1.00
4225	1.00

I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

Norton Drilling Company
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared David W. Ridley, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

David W. Ridley
David W. Ridley

SWORN AND SUBSCRIBED TO before me this 22nd day of October 1985.

Pat Farrell
Notary Public in and for
Lubbock County, Texas.