

FILE COPY

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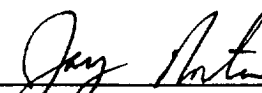
Deviation surveys taken on Marathon Oil Company's McGrail State #3 well
in Lea County, New Mexico: *drill K* 1980/5 & 1980/10 26-195-36e

<u>Depth</u>	<u>Degree</u>
178	.25
692	.25
1170	1.00
1182	.75
1715	.50
2214	3.50
2248	3.50
2341	4.50
2372	4.50
2403	4.75
2435	5.00
2456	5.00
2487	5.75
2518	5.75
2553	5.50
2584	5.75
2616	5.00
2637	5.00
2678	5.00
2707	4.75
2863	3.00
2959	2.50
3051	2.50
3545	1.50
2780	1.75

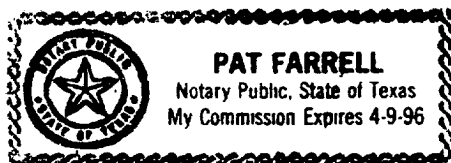
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

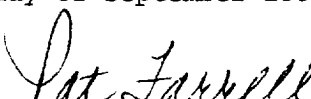

Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Jay Norton, 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.


Jay Norton

SWORN AND SUBSCRIBED TO before me this 16th day of September 1994.




Notary Public in and for
Lubbock County, Texas.