J. DUG 31427

Deviation surveys taken on Amoco Production Company's S. Hobbs Unit #231, Line 1 well in Lea County, New Mexico: 1562/1 7 2100 16 4000 4000 35

Depth	Degree
334	.25
841	2.00
1090	2.25
1337	1.25
1597	.75
1848	.50
2095	1.00
2313	1.00
2569	1.75
2745	1.75
2993	1.50
3207	1.00
3447	1.00
3721	1.00
3970	1.00
4305	.50

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 S. Howard 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 in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

Howard Norton

SWORN AND SUBSCRIBED TO before me this 9th day of December 1991.

Notary Public, State of Tenes My Commission Expires 4-9-92

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Notary Public in and for Lubbock County, Texas.