

AF - # 30-025-31891
H00/S + 2242/E (C)
S1-TBS-R38E

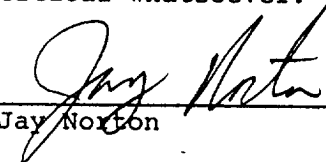
Deviation surveys taken on Rand Oil & Gas Company's Tomlinson #1 well in
Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
416	1.75
670	1.50
1157	1.75
1278	1.75
1687	1.25
1894	2.00
2100	1.25
2593	1.50
3086	2.75
3117	1.00
3615	.50
4109	.75
4124	.75
4618	1.00
5116	1.00
5613	1.00
6106	1.00
6345	1.25

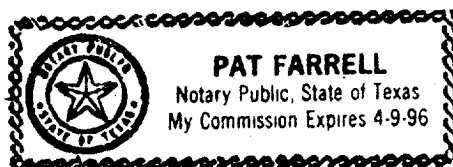
I hereby certify that I have personal knowledge of the facts placed on this
sheet and that such information given above is true and complete.

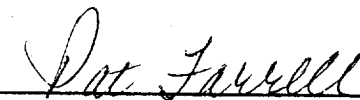

Norton Drilling Company

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 3rd day of March 1993.




Notary Public in and for
Lubbock County, Texas.