

Deviation surveys taken on Crown Central Petroleum's Christmas #2 well  
in Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
462	1.00
954	1.00
1425	1.25
1514	.75
1803	.50
2151	.75
2549	1.00
3027	1.00
3528	1.00
4028	.75
4359	1.00
4837	.50
5337	.50
5811	.75
6307	.50
6907	.75
7179	1.50
7401	1.50
7500	1.25

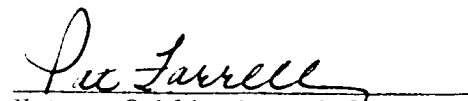
I hereby certify that I have personal knowledge of the facts placed  
on this sheet and that such information given above is true and complete.

  
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared  
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 this instrument and that  
such well was not intentionally deviated from the vertical whatsoever.

  
S. Howard Norton

SWORN AND SUBSCRIBED TO before me this 19th day of March 1985.

  
Notary Public in and for  
Lubbock County, Texas.