

Deviation surveys taken on Conoco Inc.'s Hardy 36 State #21 well in Lea
County, New Mexico:

Unit L 36-20-38 1980/5 & 330/w
30-025-33028

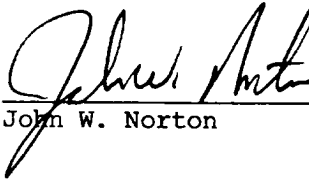
<u>Depth</u>	<u>Degree</u>
446	2.00
634	2.00
1254	.25
1655	.75
2092	1.25
2375	.50
2624	1.75
2747	.75
3179	.50
3487	1.00
3847	.50
4281	.25
4780	.50
5277	1.00
5773	1.00
6328	1.50
6793	.75
7288	.50
7785	.50
8285	.50
8781	.75
9247	3.00
9464	4.50
9571	4.50
9622	4.25
9726	5.00
9783	4.00
9856	4.00
9938	3.50
10,075	4.50
10,154	4.75
10,276	4.75
10,400	5.00
10,561	6.25

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

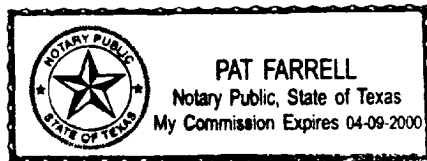
Before me, the undersigned authority, on this day personally appeared John
W. Norton, known to me to be the person whose name is subscribed hereto, who,
after being duly sworn, on oath states that he is the drilling contractor of
the well identified in this instrument and that such well was not intentionally

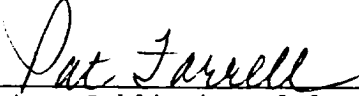
deviated from the vertical whatsoever.



John W. Norton

SWORN AND SUBSCRIBED TO before me this 6th day of December 1996.





Notary Public in and for
Lubbock County, Texas.