Deviation surveys taken on Arco Oil and Gas Company's State "B" 1576 #11 well in Lea County, New Mexico: 0.25 - 32547

			A - 5/5 /
Depth	Degree	1120/5	\$ 1700 he)
250	.50	•	
730	.25		
1259	.25		
1464	1.00		
1538	.50		
2019	.50		
2516	.50		
3042	.50		
3541	.75		
4014	1.00		
4541	1.00		
5036	1.50		
5534	2.00		
6034	1.00		
6551	1.75		
7018	1.50		
7516	1.75		
7989	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 Sherman H. Norton, Jr., 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.

Sherman H. Norton,

SWORN AND SUBSCRIBED TO before me this 2nd day of August 1994.

PAT FARRELL
Notary Public, State of Texas
My Commission Expired 4:9:96

Notary Public in and for Lubbock County, Texas.