

Deviation surveys taken on Shell Western E&P, Inc.'s Hoover 32 #1 well
in Lea County, New Mexico:

Unit H 32-17s-35e 2231/14 385/E
30-025-33594

Depth	Degree
215	.50
705	1.00
1206	1.50
1426	1.50
1555	.25
2066	1.25
2563	1.00
3054	1.50
3532	1.00
4011	1.00
4498	.75
4825	.50
5320	.50
5797	.50
6275	1.25
6763	1.00
7240	.50
7718	.50
8194	1.50
8698	1.25
9176	1.75
9500	1.25

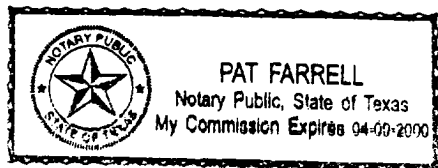
I hereby certify that I have personal knowledge of the facts placed on this sheet and that such information given above is true and complete.

John W. Norton
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
John W. Norton

SWORN AND SUBSCRIBED TO before me this 11th day of November 1996.



Pat Farrell
Notary Public in and for
Lubbock County, Texas.