

Deviation survey taken on CHESAPEAKE OPERATING  
in Lea County, New Mexico

BURRUS 23 FED. #1 Unit 0  
23-12s-38e  
990/s & 2170/e  
30-025-36546

Depth	Deviation
167	0.25
455	1.00
923	0.25
1403	0.25
1896	0.25
2356	0.50
2848	0.50
3034	0.50
3528	0.25
4021	0.75
4505	1.50
4993	2.00
5301	3.00
5424	3.00
5548	3.00
6131	4.00
6256	3.75
6380	3.50
6536	3.50
6661	3.50
6785	3.00
7035	3.25
7283	4.00
7408	3.75
7532	3.75
7656	3.50
7813	4.25
7938	4.00
8062	4.50
8187	4.25
8311	4.25
8499	4.75
8505	4.75
8591	4.25
8684	4.50
8778	4.25
8871	4.25
8965	4.25
9091	4.75
9151	4.25
9246	4.25
9400	4.50



Before me, the undersigned authority, on this day personally appeared G. M. HALL, 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.

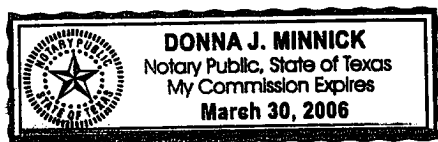
Kz

SWORN AND SUBSCRIBED TO before me this the

day of

2004

Henry M. Hall



Donna J Minnick