

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

BURRUS 23 #5

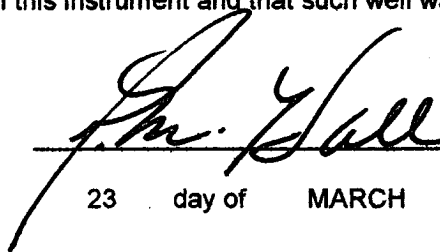
F-23-12s-38e
2310/N @ 1650/W
30-025-36451

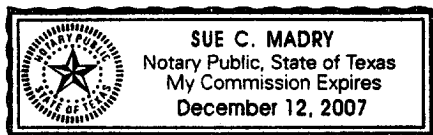
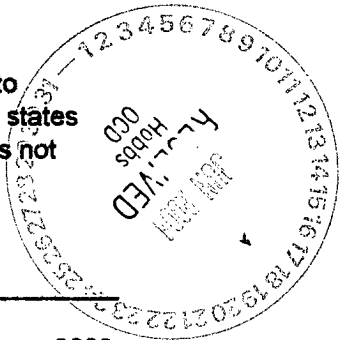
Depth	Deviation
250	0.75
434	0.50
954	0.50
1382	0.50
1919	0.75
2148	0.75
2637	0.75
3133	1.00
3688	1.00
4177	0.75
4448	1.00
4932	0.75
5395	0.75
5888	0.75
6379	0.75
6849	0.50
7333	0.75
7816	0.75
8316	1.00
8820	1.00
9164	0.75
9656	1.00
9800	0.75

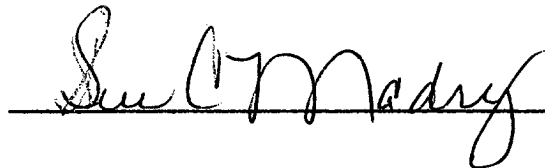
Before me, the undersigned authority, on this day personally appeared G. M. HALL, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally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

SWORN AND SUBSCRIBED TO before me this the

23 day of MARCH 2003







KG