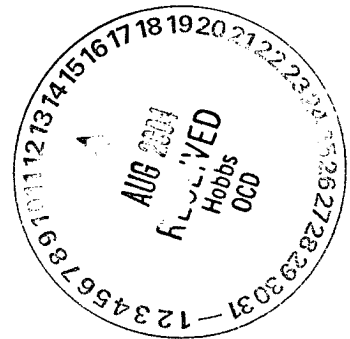


Deviation survey taken on CHESAPEAKE OPERATING
in Lea County, New Mexico

HARRIS C-3 #1

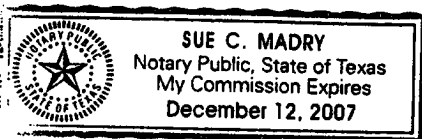
Depth	Deviation
235	0.50
448	1.00
702	0.75
1194	0.50
1748	1.00
2205	0.75
3165	0.25
3626	0.75
4118	2.25
4273	2.00
4397	2.00
4553	2.50
4642	1.00
5094	2.00
5317	1.75
5562	1.50
5909	1.50
6454	0.50
6954	0.50
7452	1.00
7890	0.75
8390	0.75
8918	0.75
9100	0.75
9572	0.75
9800	0.75



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

G. M. Hall
11th day of May 2003~~4~~



Sue C. Madry

K2