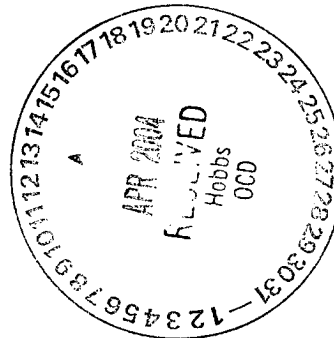


Deviation survey taken on CHESAPEAKE OPERATING BURRUS 23 #3
in Lea County, New Mexico

Depth	Deviation
189	0.25
400	0.75
799	0.50
1263	0.50
1718	0.50
2061	0.75
2588	0.75
3034	0.50
3502	0.75
3971	0.50
4469	0.75
4746	1.00
5027	1.00
5525	1.50
5777	1.75
5902	1.75
6026	2.00
6214	2.75
6432	2.25
6728	2.00
6866	2.00
7418	2.75
7273	2.00
7366	3.00
7429	3.00
7585	2.00
7741	2.00
7991	2.00
8273	2.00
8647	3.00
8784	2.50
8971	3.00
9127	2.00
9283	1.75
9470	2.00
9659	1.50
9774	1.00



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.

G. M. Hall

SWORN AND SUBSCRIBED TO before me this the

8 day of APRIL 2003