

OPERATOR COG OPERATING
WELL/LEASE RED RAIDER STATE #1
COUNTY LEA, NM

056-0012

K-19-205-36e
1650/5 & 1980/6
30-025-36871

STATE OF NEW MEXICO
DEVIATION REPORT

197	1/4	4404	1 1/4	8492	1 1/2
411	1/4	4529	1/2	8582	1
694	1	4623	1/2	8776	1 1/2
1032	3/4	4797	1	8903	1 1/4
1342	3/4	4806	1/2	9024	1 1/4
1681	3/4	4829	1	9151	1 3/4
1963	3/4	4908	1/2	9251	1 3/4
2274	1	4940	1	9345	1 1/2
2838	1 1/4	4972	1	9433	1 3/4
3024	1 1/4	5004	1	9514	1 3/4
3367	2 1/4	5052	1/2	9646	1 1/4
3428	2	5071	1	9769	1 1/2
3473	1 1/2	5084	1/2	9917	1
3504	1 1/2	5194	1/2	10049	1 3/4
3534	1 1/2	5226	1/2	10169	1 1/4
3547	2	5679	1	10459	1 1/4
3566	1/2	5698	1	10704	1 1/2
3629	1	5806	1/2	11014	1
3661	1/2	5838	1/2	11273	1 3/4
3689	1 1/4	5920	3/4	11524	1 1/4
3692	1 1/4	6079	1/2	11900	1 1/4
3754	1	6377	1		
3786	1	6647	3/4		
3816	1/2	6900	1/2		
3870	1 1/4	7281	3/4		
3942	1/2	7854	2		
4099	1/2	7918	2 1/4		
4118	1 1/4	7991	3		
4163	1 1/4	8077	2 3/4		
4211	1/2	8150	2		
4243	1	8171	2		
4275	1	8361	1 1/2		

STATE OF TEXAS
COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on January 12, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

J Robertson
Notary Public for Midland County, Texas
My Commission Expires: 8/23/07



J ROBERTSON
Notary Public, State of Texas
My Commission Expires:
August 23, 2007