

AUG 30 2004

OPERATOR: NADEL & GUSSMAN PERMIAN, LLC
WELL/LEASE: TOMAHAWK ST #1
COUNTY: LEA, NM

511-5043

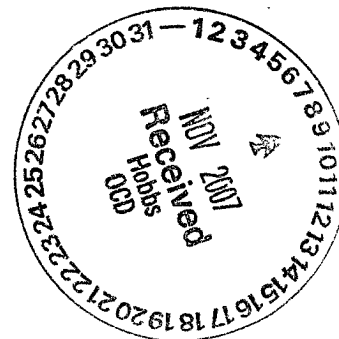
P-19-13s-32e

660/S & 660/E

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-36746

169	1/2	7,232	1
581	1	7,389	1
798	1	7,704	1/2
987	1/2	7,848	1
1,176	1	8,049	1
1,586	1	8,308	1
1,776	1/2	8,554	1/2
1,965	1 1/2	8,870	1/2
2,152	1	9,123	1/2
2,341	1 1/2	9,373	1/2
2,530	1	9,623	1/2
2,719	1	9,876	1/2
2,845	1	10,128	1
3,288	1/2	10,177	1/2
3,508	1/2	10,538	1/2
3,636	1/2	10,759	1/2
3,889	1/2	10,791	1/2
3,956	3/4	11,012	1/2
4,180	1/2	11,324	1/2
4,370	1/2	11,498	3/4
4,588	1	11,550	3/4
4,840	1		
4,966	1/2		
5,155	1/2		
5,439	1		
5,722	1/2		
5,974	1		
6,226	1		
6,478	1		
6,719	1		
6,948	1		



By: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 26th day of August, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

J Robertson
Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007

