

OPERATOR: PATTERSON PETROLEUM LP
WELL/LEASE: GACH 31 ST. 1
COUNTY: LEA

047-0005

STATE OF NEW MEXICO
DEVIATION REPORT

Unit D, 31-175-34e
990/5 + 1650/E
30-025-35529

395	1/2	9,181	1 1/4
701	1/4	9,481	1 1/4
1,180	1/4	9,780	1
1,525	1/4	10,069	1 1/4
1,870	1/4	10,378	2
2,188	1	10,569	2 1/4
2,538	3/4	10,817	1 1/4
2,885	1 1/4	11,346	1
3,236	1 3/4	11,845	1/2
3,585	1 1/4	12,398	3/4
3,999	2	12,906	3/4
4,442	2	13,404	2 1/4
4,825	1 1/4	13,550	1 1/2
5,298	2		
5,624	1 1/2		
6,126	1 1/2		
6,252	2 3/4		
6,347	3		
6,474	3		
6,568	3		
6,662	3		
6,755	2 1/4		
6,881	2		
6,975	1 3/4		
7,227	2 1/2		
7,354	1 3/4		
7,481	2		
7,637	2		
8,047	1 3/4		
8,212	1 1/2		
8,450	1 1/4		
8,713	1 3/4		
8,880	1 1/4		

By:

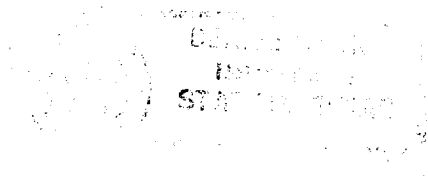
Joni Hodges

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 15th day of October, 2001, by
Joni Hodges on behalf of Patterson-UTI Drilling Company LP, LLLP.

Denise Berk
Notary Public for Midland County, Texas



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