

OPERATOR Yates Petroleum Corporation
WELL/LEASE Miranda BHW St. #1
COUNTY Lea, NM

501-0152

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-37543

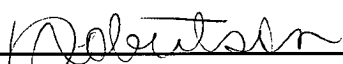
170	1
620	1 1/4
873	1 1/4
1,128	1 1/4
1,378	1
1,885	1
2,360	1
2,867	1 1/4
3,088	1 1/2
3,343	1 1/4
3,846	1 1/2
4,148	1
4,581	1
5,039	1
5,512	3/4
6,017	3/4
6,523	1/4
6,998	3/4
7,442	1/2
7,757	3/4
8,239	1/2
8,732	3/4
9,138	1
9,664	1
10,164	1 1/4
10,662	1
11,155	1
11,649	1
12,120	3
12,248	3 1/4
12,498	2
12,700	2

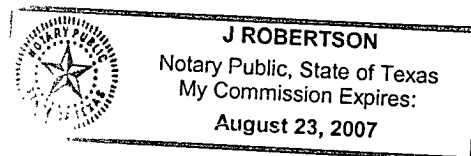
BY: _____

STATE OF TEXAS
COUNTY OF MIDLAND

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

January 12, 2006 , by Steve


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



Miranda BHW State Com 1
30-025-37543
C105 – Pg 2

26. Perforation record (interval, size, and number) 12508-12571' w/41 .42" holes, 12170-12178' and 12200-12213' w/128 .42" holes, 12089-12093' and 12110-12115' w/56 .42" holes; 12027-12036' w/54 .42" holes; 11670-11678' w/54 holes; 10732-10742', 10763-10767' and 10775-10790' w/64 .42" holes; 10014-10107' w/8 .42" holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12508-12571'	2500 gal 15% NEFE w/50 balls
	12170-12213'	1500 gal NEFE acid w/1000 SCF N2/bbl w/1000 balls
	12170-12178'	500 gal 7-1/2% Morrow acid
	12027-12036'	1500 gal 7-1/2% Morrow acid w/75 balls
	11670-11678'	500 gal 7-1/2% MSA and balls
	10732-10790'	250 gal 15% NEFE acid
	10014-10107'	250 gal 15% NEFE acid