

OPERATOR: READ & STEVENS
WELL/LEASE: LIBERTY COM. #4 - L
COUNTY: LEA

RIG 46

CONFIDENTIAL

1800⁴ 20³ 36^e
30-025-35371

STATE OF NEW MEXICO
DEVIATION REPORT

147	1/2	8,057	1 1/4
238	1/2	8,289	2
408	1 1/2	8,419	2 1/4
664	1 3/4	8,545	2 1/4
853	1	8,638	2 1/4
1,168	1/2	8,763	2 1/4
1,423	1/4	8,822	2 1/4
1,709	3/4	8,983	2 1/4
1,960	3/4	9,108	2
2,214	1 3/4	9,201	2
2,308	1 1/2	9,357	2 1/4
2,432	1 3/4	9,505	2
2,592	1 1/4	9,795	1 1/4
2,717	1 3/4	10,108	7
2,871	2 1/4	10,179	7
3,028	2	10,219	7
3,157	1	10,241	7 1/2
3,272	1 1/2	10,272	7
3,401	1 1/4	10,307	7
3,562	1 1/4	10,338	6 1/2
3,813	1/2	10,370	7
4,037	1	10,408	8
4,193	1 1/2	10,438	6
4,381	1/2	10,491	6 1/4
4,587	1/2	10,582	8 1/2
4,938	1/4	10,604	9
5,318	3/4	10,640	9
5,818	1/2	10,670	9
6,326	1		
6,736	1 1/2		
6,957	1 3/4		
7,212	1 1/4		
7,746	1 1/4		

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 31st day of July, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni L. Hodges
Notary Public for Midland County, Texas

[Handwritten mark]

My Commission Expires: 3/31/2003

