

OPERATOR: POGO PRODUCING
WELL/LEASE: LIVINGSTON RIDGE 19 FED. 3
COUNTY: LEA

054-0039

RECEIVED

JUL 11 2003

MIDLAND

STATE OF NEW MEXICO
DEVIATION REPORT

243	1/4	7,354	1 1/4
491	1/2	7,640	1 1/4
769	1/2	7,904	1 1/4
1,023	3/4	8,146	1 1/4
1,275	1/2	8,429	1 1/4
1,495	1/4	8,557	1/2
1,747	1/4		
1,998	1		
2,252	1/2		
2,503	1/4		
2,787	1		
3,008	1/2		
3,292	1/4		
3,545	1/4		
3,830	1 3/4		
4,125	1		
4,400	1 1/4		
4,614	3/4		
4,833	3/4		
5,085	3/4		
5,336	3/4		
5,588	3/4		
5,842	3/4		
6,092	1		
6,345	1		
6,597	3/4		
6,849	1 1/4		
7,104	1		

CONFIDENTIAL

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 10th day of July, 2003, by
Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

