

OPERATOR: RICKS EXPLORATION
WELL/LEASE: EMPIRE SOUTH DEEP UNIT #23
COUNTY: EDDY

RIG 58

STATE OF NEW MEXICO
DEVIATION REPORT

211	0	7,129	4
360	3/4	7,381	4
631	1/2	7,540	3 1/2
1,058	3/4	7,791	3 3/4
1,531	1 1/2	8,043	3 1/2
1,750	2	8,295	2 1/2
1,909	1 3/4	8,642	3/4
2,034	1 3/4	8,674	3/4
2,191	1 3/4	8,970	3/4
2,349	2	9,458	1 1/2
2,507	2	9,896	1 1/2
2,666	2 1/2	10,145	0
2,790	1 1/2	10,568	3/4
2,885	2	10,950	3/4
2,984	1 3/4		
3,100	2		
3,250	1 3/4		
3,531	1 3/4		
3,785	1 1/4		
4,257	1		
4,729	3/4		
5,205	1 1/4		
5,582	1 3/4		
5,708	1 3/4		
5,898	1 3/4		
6,055	3		
6,185	3		
6,354	3 1/4		
6,360	4		
6,459	3 3/4		
6,689	4		
6,845	4 1/4		
6,971	4		



By *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 25th day of July, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

