

OPERATOR COG OPERATING, LLC
WELL/LEASE OSUDO 7 STATE 1
COUNTY LEA

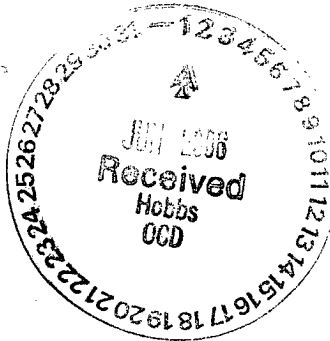
30-025-37557

056-0022

B- 7-20s-36e
660/N & 1980/E

STATE OF NEW MEXICO
DEVIATION REPORT

208	1.00	9,182	2.50
444	1.00	9,545	2.00
596	0.50	9,735	1.75
874	0.75	9,925	1.00
1,157	0.75	10,115	0.75
1,442	1.00	10,432	1.00
1,728	1.00	10,749	1.00
2,013	1.00	11,162	2.00
2,298	0.50	11,536	0.75
2,583	0.50	11,827	0.75
2,899	1.25	12,266	2.00
3,090	2.00	12,500	2.00
3,248	1.75		
3,343	1.75		
3,470	2.00		
3,604	1.75		
3,730	1.00		
4,096	1.00		
4,333	0.25		
4,649	0.75		
4,903	0.25		
5,232	0.25		
5,463	0.00		
5,748	0.25		
6,319	0.50		
6,604	1.25		
6,890	1.00		
7,175	1.75		
7,396	1.75		
7,713	1.50		
7,998	2.00		
8,189	2.00		
8,347	2.75		
8,549	2.50		
8,866	2.50		
9,024	2.50		



BY: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

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

March 24, 2006, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

K3

