

OPERATOR _____ COG _____
WELL/LEASE _____ J C Federal 24 _____
COUNTY _____ Lea _____

RECEIVED

FEB 26 2010

HOBBSOCD

STATE OF NEW MEXICO
DEVIATION REPORT

231	0.50
529	1.25
770	1.75
976	1.00
1292	0.25
1745	0.75
2111	1.96
2428	5.06
2555	5.30
2618	5.76
2681	6.08
2745	6.81
2809	7.75
2872	7.66
2936	7.54
3063	7.39
3127	8.22
3221	8.53
3317	7.61
3380	8.01
3539	8.70
3697	8.14
3855	7.21
3982	7.03
4045	6.78
4116	6.49
4307	8.26
4431	7.64
4584	7.10
4685	7.13
4749	7.11
4812	7.49
4907	7.46
4969	7.19
5033	7.54
5223	6.60
5351	4.71
5413	4.02
5508	4.07
5635	3.60
5698	3.60
5762	3.67
5824	3.72
5888	3.52
5982	3.56
6078	3.54
6173	3.57
6268	3.40
6332	3.49
6427	3.36
6523	3.17
6586	2.97
6649	2.63
6713	3.30
6776	3.55
6849	3.46
6944	3.49
7039	3.31
7100	3.52

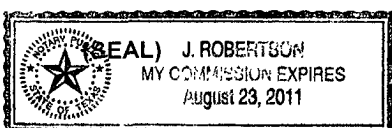
SUR: J-22-17s-32e, 1650/S & 1810/E
BHL: J-22-17s-32e, 1659/S & 2301/E
SPI # 30-025-30165

SIGNED BY:


STEVE MCCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 31st DAY OF December, 2009, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED STEVE MCCOY, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.




NOTARY PUBLIC