

OPERATOR COG Operating, LLC

WELL/LEASE M C FEDERAL #12

COUNTY

Eddy Lea

C-21-175-32e

990/N & 1650/W
30-025-30509

STATE OF NEW MEXICO
DEVIATION REPORT

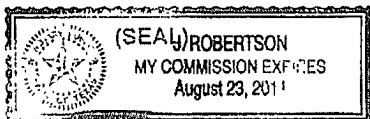
230	0.75
502	1.25
675	2.75
774	1.25
1121	1.00
1502	1.25
1914	3.00
2047	2.00
2152	2.00
2483	1.00
2895	1.00
3347	1.75
3718	0.75
4162	0.25
4573	0.75
4985	0.75
5397	1.00
5778	1.00
6190	0.50
6570	0.75
6970	0.25

SIGNED BY:


DAVID SLEDGE, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 24th DAY OF November, 2007, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED DAVID SLEDGE, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.




NOTARY PUBLIC