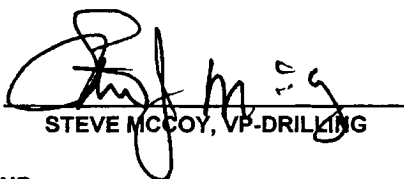


OPERATOR COG
WELL/LEASE Miranda Federal 1
COUNTY Eddy

STATE OF NEW MEXICO
DEVIATION REPORT

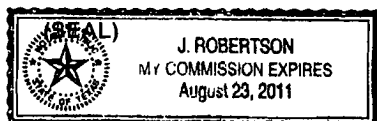
271	0.50
793	0.75
1262	0.75
1776	0.75
2315	1.00
2717	1.00
3195	1.00
3670	1.25
4144	1.00
4618	0.50
4620	0.50
5095	0.25
5562	0.25
5953	0.25

SIGNED BY:


STEVE MCCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 26th DAY OF March, 2010, 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