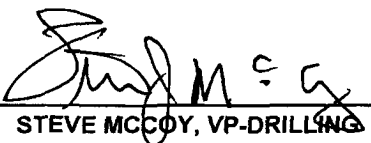


OPERATOR _____ COG _____
WELL/LEASE Miranda Federal 2
COUNTY Eddy

STATE OF NEW MEXICO
DEVIATION REPORT

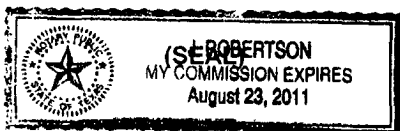
320	1.50
827	1.25
1303	1.00
1673	1.00
2177	2.00
2462	1.25
2908	1.00
3443	0.50
3887	0.25
4335	0.75
4811	1.00
5287	0.50
5790	0.75

SIGNED BY:


STEVE MCCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 20th DAY OF February, 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