

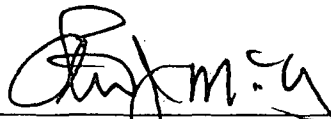
OPERATOR _____ COG _____
WELL/LEASE Firecracker State 11
COUNTY Eddy

STATE OF NEW MEXICO
DEVIATION REPORT

30-015-37503

290	0.50
509	0.61
1000	1.16
1063	2.21
1127	3.24
1221	4.47
1444	4.76
1539	5.14
1602	5.21
1696	5.35
1792	5.22
1887	5.19
1982	4.90
2077	4.50
2363	4.07
2876	4.44
2997	4.40
3251	5.20
3410	5.20
3417	5.17
3420	4.41
3484	3.07
3547	2.10
3737	0.39
3927	0.17
4022	0.20
4212	0.95
4403	1.25
4466	0.81
4528	0.75
4590	0.75
4593	0.80
5008	1.04
5356	1.06
5428	1.06

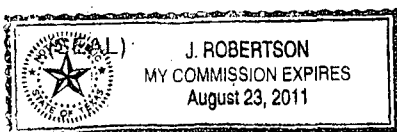
SIGNED BY:

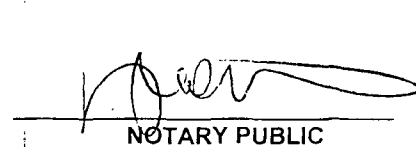


STEVE MCCOY, VP-DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 23rd DAY OF July, 2010, BEFORE ME, J ROBERTSON, A NOTARY
PUBLIC, PERSONALLY APPEARED STEVE MCCOY, WHO ACKNOWLEDGED AND EXECUTED
THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.



 MR
NOTARY PUBLIC