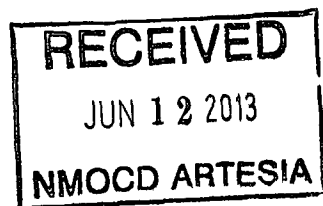


OPERATOR Apache
WELL/LEASE NFE Federal 15 API #30-015-40550
COUNTY Eddy 770' FNL & 670' FEL, U.L.A 5-178-31E

STATE OF NEW MEXICO
DEVIATION REPORT

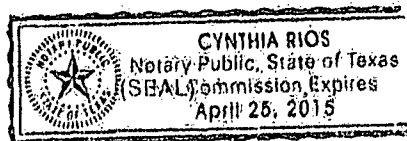
170	0.50
756	0.75
1038	0.40
1291	0.70
1544	1.40
1808	1.10
2062	0.80
2304	0.70
2557	0.40
2821	0.20
3074	0.30
3316	0.60
3806	0.30
4311	1.00
4564	0.20
5062	0.20
5315	0.50
5568	0.20
5789	0.30
6105	0.30



SIGNED BY: Ron Scandolari
RON SCANDOLARI, VP CONTRACT DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 14th DAY OF December, 2012, BEFORE ME, C RIOS, A NOTARY PUBLIC, PERSONALLY APPEARED RON SCANDOLARI, WHO ACKNOWLEDGED AND EXECUTED THIS DOCUMENT. WITNESS MY HAND AND OFFICIAL SEAL.



Cynthia Rios
NOTARY PUBLIC