

API #30-015-40466

E-8-175/31E

2218 FNL, 220 FWL

OPERATOR Apache
WELL/LEASE Raven Federal 10H
COUNTY Eddy

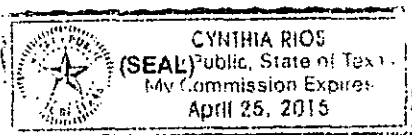
STATE OF NEW MEXICO
DEVIATION REPORT

143	0.50
291	0.50
444	0.50
516	1.10
601	1.20
685	1.30
786	1.50
1187	1.58
1437	1.60
1521	1.00
1605	1.10
1772	1.90
1857	2.20
1941	2.80
2024	2.70
2191	1.90
2258	1.40
2275	1.10
2525	1.00
2608	0.30
2858	0.30
2941	0.30
3109	0.30
3359	0.30
3427	0.50
3682	0.80
3765	0.90
3849	0.80
3933	0.70
4017	0.70
4099	0.70
4267	0.60
4351	0.60
4387	0.60
4780	0.70
5058	0.20

SIGNED BY: Ron Scandolari
RON SCANDOLARI, VP CONTRACT DRILLING

STATE OF TEXAS
COUNTY OF MIDLAND

ON THIS 18th DAY OF January, 2013, 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