

Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

Raven Federal #016H
Eddy County, New Mexico

API # 30-015-40913
A-Sec. 7, 17S, 31E 727' FNL, 1000' FEL

230	2.30	0.50	0.88	2.01	2.01
585	3.55	1.80	3.15	11.18	13.20
753	1.68	1.60	2.80	4.70	17.90
925	1.72	1.40	2.45	4.21	22.11
1139	2.14	1.20	2.10	4.49	26.61
1436	2.97	1.30	2.28	6.76	33.36
1734	2.98	1.30	2.28	6.78	40.14
1905	1.71	1.30	2.28	3.89	44.03
2159	2.54	0.70	1.23	3.11	47.15
2373	2.14	1.40	2.45	5.24	52.39
2671	2.98	1.30	2.28	6.78	59.17
2876	2.05	0.90	1.58	3.23	62.40
3174	2.98	0.60	1.05	3.13	65.53
3322	1.48	1.00	1.75	2.59	68.12
3465	1.43	1.20	2.10	3.00	71.12
3575	1.10	0.60	1.05	1.16	72.27
3745	1.70	1.00	1.75	2.98	75.25
3958	2.13	0.50	0.88	1.86	77.11
4171	2.13	0.40	0.70	1.49	78.60
4415	2.44	1.20	2.10	5.12	83.73

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 07 2016

RECEIVED



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 30th day of April, 2015 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public