

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

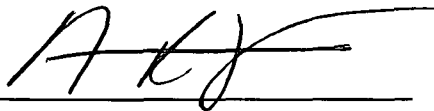
Raven Federal #20H API#30-015-40917
Eddy County, New Mexico SL: 420' FSL + 180' FEL UL: P-07-17S-31E

235	2.35	0.75	1.31	3.08	3.08
493	2.58	1.00	1.75	4.52	7.60
743	2.50	1.10	1.93	4.81	12.41
964	2.21	0.80	1.40	3.09	15.51
1222	2.58	1.10	1.93	4.97	20.47
1480	2.58	1.00	1.75	4.52	24.99
1651	1.71	0.60	1.05	1.80	26.78
1908	2.57	0.40	0.70	1.80	28.58
2164	2.56	0.60	1.05	2.69	31.27
2336	1.72	0.20	0.35	0.60	31.87
2552	2.16	0.10	0.18	0.38	32.25
2812	2.60	0.40	0.70	1.82	34.07
3026	2.14	0.50	0.88	1.87	35.94
3237	2.11	0.60	1.05	2.22	38.16
3454	2.17	0.50	0.88	1.90	40.06
3583	1.29	0.40	0.70	0.90	40.96
3800	2.17	0.20	0.35	0.76	41.72
4056	2.56	0.20	0.35	0.90	42.62
4310	2.54	0.40	0.70	1.78	44.39
4567	2.57	0.30	0.53	1.35	45.74
4825	2.58	0.40	0.70	1.81	47.55

NM OIL CONSERVATION
ARTESIA DISTRICT

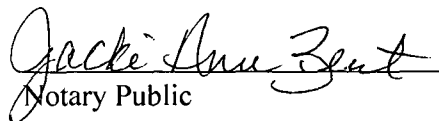
APR 27 2015

RECEIVED



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 4th day of September, 2014 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public