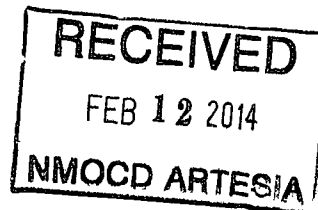
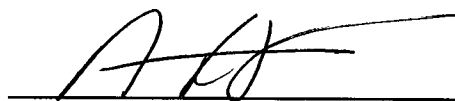


Apache Corporation
303 Veterans Airpark Lane, #3000
Midland, TX 79705

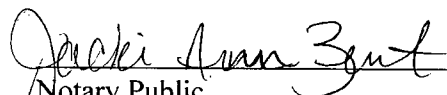
AB State 647 #014 *API #30-015-41498*
Eddy County, New Mexico *330' FSL & 1090' FWL U.L. M 32-17S-28E*

215	2.15	0.75	1.31	2.82	2.82
390	1.75	1.00	1.75	3.06	5.88
487	0.97	0.50	0.88	0.85	6.73
575	0.88	0.60	1.05	0.92	7.66
832	2.57	0.20	0.35	0.90	8.56
1130	2.98	0.60	1.05	3.13	11.69
1429	2.99	1.00	1.75	5.23	16.92
1642	2.13	1.00	1.75	3.73	20.65
1813	1.71	1.10	1.93	3.29	23.94
2026	2.13	1.00	1.75	3.73	27.66
2239	2.13	0.80	1.40	2.98	30.65
2410	1.71	0.60	1.05	1.80	32.44
2666	2.56	0.50	0.88	2.24	34.68
2880	2.14	0.70	1.23	2.62	37.30
3051	1.71	0.50	0.88	1.50	38.80
3179	1.28	0.30	0.53	0.67	39.47
3264	0.85	0.30	0.53	0.45	39.92
3392	1.28	0.70	1.23	1.57	41.49
3606	2.14	0.90	1.58	3.37	44.86
3819	2.13	0.90	1.58	3.35	48.21
4033	2.14	0.60	1.05	2.25	50.46
4303	2.70	0.70	1.23	3.31	53.77




Archie Brown - General Manager

The attached instrument was acknowledged before me on the 21st day of November, 2013 by
Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public

