

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

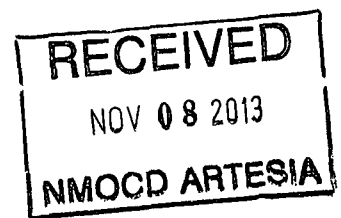
API # 30-015-41496

AB State 647 #12

Eddy County, New Mexico

SL: 910' FSL - 330' FWL; M - 32-125-28E

215	2.15	1.00	1.75	3.76	3.76
388	1.73	1.00	1.75	3.03	6.79
656	2.68	0.30	0.53	1.41	8.20
954	2.98	0.40	0.70	2.09	10.28
1338	3.84	0.60	1.05	4.03	14.32
1595	2.57	0.70	1.23	3.15	17.46
1851	2.56	0.70	1.23	3.14	20.60
2107	2.56	0.90	1.58	4.03	24.63
2491	3.84	0.60	1.05	4.03	28.66
2875	3.84	0.40	0.70	2.69	31.35
3135	2.60	0.10	0.18	0.46	31.81
3345	2.10	0.20	0.35	0.74	32.54
3558	2.13	0.30	0.53	1.12	33.66
3771	2.13	0.30	0.53	1.12	34.78
4028	2.57	0.20	0.35	0.90	35.68
4241	2.13	0.10	0.18	0.37	36.05
4540	2.99	0.70	1.23	3.66	39.71
4668	1.28	0.20	0.35	0.45	40.16
4711	0.43	0.10	0.18	0.08	40.24
5010	2.99	0.60	1.05	3.14	43.38



[Signature]

Archie Brown - General Manager

The attached instrument was acknowledged before me on the 2nd day of October, 2013 by Archie Brown - General Manager, CapStar Drilling, Inc.

[Signature]
Notary Public

