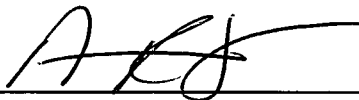


Apache Corporation
6120 S. Yale Ste 1500
Tulsa, OK 74136

Washington 33 State #56
Eddy County, New Mexico

30-015-40110
1550' FSL + 2130' FWL K-33-175-28E

252	2.52	0.50	0.88	2.21	2.21
479	2.27	0.75	1.31	2.98	5.18
573	0.94	0.10	0.18	0.16	5.35
830	2.57	1.10	1.93	4.95	10.30
1043	2.13	1.00	1.75	3.73	14.02
1256	2.13	1.60	2.80	5.96	19.99
1511	2.55	1.90	3.33	8.48	28.47
1767	2.56	1.70	3.00	7.68	36.15
2023	2.56	2.30	4.03	10.30	46.45
2152	1.29	1.70	2.98	3.84	50.29
2366	3.00	1.40	2.45	7.35	57.64
2622	2.56	1.40	2.45	6.27	63.91
2752	1.30	1.10	1.93	2.50	66.41
3009	2.57	1.00	1.75	4.50	70.91
3265	2.56	1.40	2.45	6.27	77.18
3478	2.13	1.50	2.63	5.59	82.77
3519	0.41	1.10	1.93	0.79	83.56
3732	2.13	1.50	2.63	5.59	89.15
3989	2.57	1.20	2.10	5.40	94.55
4232	2.43	1.40	2.45	5.95	100.50
4498	2.66	2.80	4.90	13.03	113.54
4627	1.29	3.30	5.78	7.45	120.99
4706	0.79	2.90	5.08	4.01	125.00
4827	1.21	3.30	5.78	6.99	131.99
4883	0.56	3.60	6.30	3.53	135.51
5014	1.31	4.10	7.18	9.40	144.91
5099	0.85	4.70	8.23	6.99	151.90
5154	0.55	4.70	8.23	4.52	156.43



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 23rd day of October, 2012 by Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public