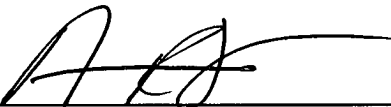


Apache Corporation
6120 S. Yale Ste 1500
Tulsa, OK 74136

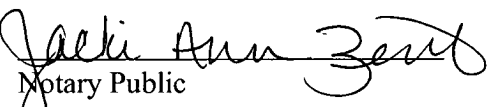
30-015-39020

Empire ABO Unit #408
Eddy County, New Mexico

250	2.50	0.25	0.44	1.09	1.09
500	2.50	0.75	1.31	3.28	4.38
686	1.86	0.90	1.58	2.93	7.30
850	1.64	0.50	0.88	1.44	8.74
1064	2.14	1.10	1.93	4.12	12.86
1279	2.15	0.70	1.23	2.63	15.49
1449	1.70	0.20	0.35	0.60	16.09
1622	1.73	0.80	3.00	5.19	21.28
1796	1.74	0.50	0.88	1.52	22.80
1887	0.91	0.30	0.53	0.48	23.28
2093	3.00	0.60	1.05	3.15	26.43
2185	0.92	0.60	1.05	0.97	27.39
2353	1.68	0.40	0.70	1.18	28.57
2525	1.72	0.20	0.35	0.60	29.17
2744	2.19	0.10	0.18	0.38	29.56
2876	1.32	0.50	0.88	1.16	30.71
3045	1.69	0.10	0.18	0.30	31.01
3173	1.28	0.50	0.88	1.12	32.13
3391	2.18	0.30	0.53	1.14	33.27
3682	2.91	0.50	0.88	2.55	35.82
3816	1.34	0.30	0.53	0.70	36.52
4030	2.14	0.00	0.00	0.00	36.52
4158	1.28	0.10	0.18	0.22	36.74
4368	2.10	0.20	0.35	0.74	37.48
4750	3.82	1.40	2.45	9.36	46.84
4886	1.36	1.20	2.10	2.86	49.69
5093	2.07	1.40	2.45	5.07	54.77
5261	1.68	1.80	3.15	5.29	60.06
5430	1.69	1.50	2.63	4.44	64.49
5597	1.67	1.50	2.63	4.38	68.88
5726	1.29	1.40	2.45	3.16	72.04
6025	2.99	1.70	2.98	8.90	80.93
6160	1.35	1.30	2.28	3.07	84.00


Archie Brown - General Manager

The attached instrument was acknowledged before me on the 3rd day of November, 2011
by Archie Brown - General Manager, CapStar Drilling, L.P.


Notary Public

