

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

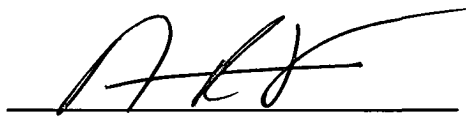
Washington 33 State #039
Eddy County, New Mexico

30-015-40016

990' FSL & 330' FWL

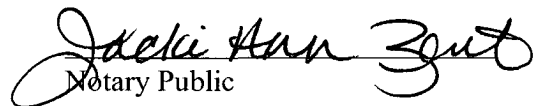
UL M 33-175-28E

220	2.20	1.50	2.63	5.78	5.78
470	2.50	2.25	3.94	9.84	15.62
543	0.73	1.80	3.15	2.30	17.92
815	2.72	1.70	2.98	8.09	26.01
1177	3.62	1.90	3.33	12.04	38.05
1403	2.26	2.20	3.85	8.70	46.75
1583	1.80	2.00	3.50	6.30	53.05
1900	3.17	2.30	3.00	9.51	62.56
2263	3.63	2.00	3.50	12.71	75.26
2488	2.25	2.10	3.68	8.27	83.53
2807	3.00	1.70	2.98	8.93	92.46
3122	3.15	1.70	2.98	9.37	101.83
3305	1.83	1.90	3.33	6.08	107.91
3665	3.60	2.50	4.38	15.75	123.66
3936	2.71	2.30	4.03	10.91	134.57
4072	1.36	2.00	3.50	4.76	139.33
4346	2.74	2.60	4.55	12.47	151.80
4527	1.81	2.90	5.08	9.19	160.98
4663	1.36	3.00	5.25	7.14	168.12
4797	1.34	3.40	5.95	7.97	176.10
4934	1.37	4.00	7.00	9.59	185.69



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 12th day of April, 2012
by Archie Brown - General Manager, CapStar Drilling, Inc.


Notary Public

