

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

Hawk B-1 #48
Lea County, New Mexico

J- 9-215-37e
1440/s & 1332/E

30.025-37744

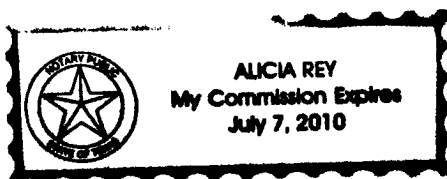
274	0.25	1/4	0.44	0.11	0.11
510	2.36	3/4	1.31	3.10	3.21
947	4.37	3/4	1.31	5.74	8.94
1288	3.41	3/4	1.31	4.48	13.42
1594	3.06	1	1.75	5.36	18.77
1908	3.14	2	3.50	10.99	29.76
2191	2.83	2	3.50	9.91	39.67
2491	3.00	2 1/4	3.94	11.81	51.48
2788	2.97	1 3/4	3.06	9.10	60.58
3238	4.50	3/4	1.31	5.91	66.48
3670	4.32	1 1/2	2.63	11.34	77.82
4143	4.73	1	1.75	8.28	86.10
4615	4.72	3/4	1.31	6.20	92.30
5084	4.69	1	1.75	8.21	100.50
5525	4.41	1	1.75	7.72	108.22
5965	4.40	3/4	1.31	5.78	114.00
6406	4.41	1	1.75	7.72	121.71
6875	4.69	1	1.75	8.21	129.92

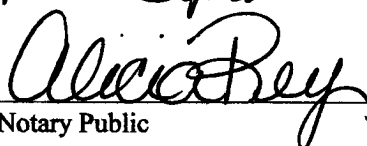




Archie Brown - General Manager

The attached instrument was acknowledged before me on the 29th day of September, 2009 by
Archie Brown - General Manager, CapStar Drilling, L.P.





Alicia Rey
Notary Public