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

Hawk Federal A5 #009
Lea County, New Mexico

30-025-40459
UL P 5-21S-37E
990' FSL + 990' FEL

468	4.68	1.30	2.28	10.65	10.65
738	2.70	0.90	1.58	4.25	14.90
1209	4.71	1.00	1.75	8.24	23.14
1627	4.18	0.80	1.40	5.85	28.99
1929	3.02	0.70	1.23	3.70	32.69
2250	3.21	1.50	2.63	8.43	41.12
2529	2.79	1.00	1.75	4.88	46.00
2908	3.79	1.30	3.00	11.37	57.37
3269	3.61	1.30	2.28	8.21	65.59
3635	3.66	0.50	0.88	3.20	68.79
3955	3.00	0.40	0.70	2.10	70.89
4298	3.43	0.50	0.88	3.00	73.89
4456	1.58	0.30	0.53	0.83	74.72
4709	2.53	1.10	1.93	4.87	79.59
4990	2.81	0.60	1.05	2.95	82.54
5097	1.07	0.50	0.88	0.94	83.48
5279	1.82	0.60	1.05	1.91	85.39
5750	4.71	0.30	0.53	2.47	87.86
6224	4.74	0.60	1.05	4.98	92.84
6780	5.56	0.60	1.05	5.84	98.67
7228	4.48	0.70	1.23	5.49	104.16
7500	2.72	0.80	1.40	3.81	107.97

HOBBS OCD

NOV 06 2012

RECEIVED

Archie Brown - General Manager

The attached instrument was acknowledged before me on the 3rd day of July, 2012 by Archie Brown - General Manager, CapStar Drilling, Inc.

Notary Public

JACKI ANN ZENT
Notary Public, State of Texas
My Commission Expires
March 03, 2015