

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

Cone B #002
Lea County, New Mexico

J-12-20s-38e

30-025-39907
1650/3 + 2310/E

490	4.90	0.30	0.53	2.57	2.57
800	3.10	0.50	0.88	2.71	5.29
1209	4.09	0.50	0.88	3.58	8.86
1693	4.84	0.50	0.88	4.24	13.10
2093	4.00	0.30	0.53	2.10	15.20
2493	4.00	1.00	1.75	7.00	22.20
2893	4.00	1.20	2.10	8.40	30.60
3309	4.16	0.80	1.40	5.82	36.42
3690	3.81	0.90	1.58	6.00	42.42
4070	3.80	1.10	1.93	7.32	49.74
4421	3.51	0.30	0.53	1.84	51.58
4834	4.13	0.60	1.05	4.34	55.92
5216	3.82	0.60	1.05	4.01	59.93
5501	2.85	0.40	0.70	2.00	61.92
5946	4.45	0.30	0.53	2.34	64.26
6327	1.50	0.30	0.53	2.00	66.26
6708	3.81	0.50	0.88	3.33	69.59
7022	3.14	0.50	0.88	2.75	72.34

RECEIVED

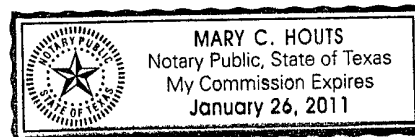
FEB 27 2011
HOBBSD



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 8 day of December, 2010 by
Archie Brown - General Manager, CapStar Drilling, L.P.


Notary Public



ProShot MWD by TELEDRIIFT Inc. 405-631-4882
P.O. Box 94395
Oklahoma City, OK 73143-4395

Teledrift Canada Inc. 403 203-0840
Bay 7 4275 78th Ave SE
Calgary, Alberta P2C2Y4

Survey File Name: Apache-20NOV10
Job ID: Apache
Well Name: Cone B #2
Company: Apache
Contractor: Capstar#19
API Number:
Location: Cone B#2
Start Date: 20 NOV 10

Depth is feet

Survey Number	Status	Bit Depth	Tool Offset	Survey Depth	Date	Time	Inc	Batt	Temp
Tie-in	ACCEPTED	0	0	0	20 Nov 2010	09:08	0.0	OK	OK
16	ACCEPTED	431	15	416	20 Nov 2010	17:06	0.3	OK	OK
27	ACCEPTED	815	15	800	20 Nov 2010	23:02	0.5	OK	OK
39	ACCEPTED	1224	15	1209	21 Nov 2010	03:03	0.5	OK	OK
48	ACCEPTED	1638	15	1623	21 Nov 2010	08:26	0.5	OK	OK
53	ACCEPTED	1738	45	1693	22 Nov 2010	11:48	0.5	OK	OK
54	ACCEPTED	1927	45	1882	22 Nov 2010	13:12	0.3	OK	OK
56	ACCEPTED	2110	45	2065	22 Nov 2010	14:51	1.1	OK	OK
58	ACCEPTED	2298	45	2253	22 Nov 2010	16:38	0.4	OK	OK
59	ACCEPTED	2484	45	2439	22 Nov 2010	18:00	1.0	OK	OK
61	ACCEPTED	2685	45	2640	22 Nov 2010	19:34	1.7	OK	OK
62	ACCEPTED	2875	45	2830	22 Nov 2010	21:22	1.2	OK	OK
63	ACCEPTED	3005	45	2960	22 Nov 2010	22:52	1.2	OK	OK
66	ACCEPTED	3196	45	3151	23 Nov 2010	01:28	0.5	OK	OK
67	ACCEPTED	3354	45	3309	23 Nov 2010	03:28	0.8	OK	OK
69	ACCEPTED	3545	45	3500	23 Nov 2010	05:44	0.3	OK	OK
70	ACCEPTED	3735	45	3690	23 Nov 2010	07:56	0.9	OK	OK
73	ACCEPTED	3989	45	3944	23 Nov 2010	11:11	0.8	OK	OK
77	ACCEPTED	4115	45	4070	23 Nov 2010	13:39	1.1	OK	OK
79	ACCEPTED	4275	45	4230	23 Nov 2010	15:57	0.6	OK	OK
82	ACCEPTED	4466	45	4421	23 Nov 2010	19:30	0.3	OK	OK
84	ACCEPTED	4561	45	4516	23 Nov 2010	20:41	0.6	OK	OK
88	ACCEPTED	4720	45	4675	23 Nov 2010	22:54	0.3	OK	OK
91	ACCEPTED	4879	45	4834	24 Nov 2010	00:55	0.6	OK	OK
96	ACCEPTED	5070	45	5025	24 Nov 2010	03:18	0.4	OK	OK
102	ACCEPTED	5261	45	5216	24 Nov 2010	05:47	0.6	OK	OK
109	ACCEPTED	5546	45	5501	24 Nov 2010	09:39	0.4	OK	OK
112	ACCEPTED	5768	45	5723	24 Nov 2010	13:31	0.5	OK	OK
117	ACCEPTED	5991	45	5946	24 Nov 2010	17:08	0.3	OK	OK
118	ACCEPTED	6055	45	6010	24 Nov 2010	18:00	0.5	OK	OK
124	ACCEPTED	6372	45	6327	25 Nov 2010	00:06	0.3	OK	OK
129	ACCEPTED	6563	45	6518	25 Nov 2010	03:26	0.2	OK	OK
133	ACCEPTED	6753	45	6708	25 Nov 2010	06:54	0.5	OK	OK
141	ACCEPTED	7067	45	7022	25 Nov 2010	13:14	0.5	OK	OK
144	ACCEPTED	7289	45	7244	25 Nov 2010	16:51	0.6	OK	OK