



SURVEY REPORT

30-015-38054

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HOBBS OCD

PRODRIFT MWD BY TELEDRIIFT
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NOV 17 2011

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ProView Version 6.00

Report created using job file: Apache

Empire Avo Unit #404-16AUG11

Report saved on 29 Aug 2011 08:24

Depth in feet

WELL NAME Empire Avo Unit #404
JOB ID Apache Empire Avo Unit #404
COMPANY Apache
CONTRACTOR Aztec #124
START DATE 16 AUG 11
API #
LOCATION Empire Avo Unit #404

SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
Tie-in	0.0	16-Aug-11	14:27	00.0
Manual	0.0	18-Aug-11	00:58	00.8
Manual	1.0	18-Aug-11	05:27	00.7
0112	5.0	24-Aug-11	11:12	02.1
Manual	73.0	17-Aug-11	23:51	00.0
Manual	498.0	17-Aug-11	02:47	01.5
0002	634.0	17-Aug-11	22:02	00.6
0005	790.0	18-Aug-11	00:28	00.7
0010	1105.0	18-Aug-11	05:56	01.0
0012	1354.9	18-Aug-11	09:40	00.7
0013	1440.0	18-Aug-11	10:55	00.9
0015	1513.0	18-Aug-11	11:42	01.0
0016	1550.0	18-Aug-11	12:06	01.2
0017	1576.0	18-Aug-11	12:27	01.2
0018	1638.0	18-Aug-11	13:18	01.2
0019	1669.0	18-Aug-11	13:43	00.8
Manual	1669.0	18-Aug-11	13:49	08.0
Manual	1669.0	18-Aug-11	13:54	00.8
0022	1700.0	18-Aug-11	14:12	01.2
0023	1732.0	18-Aug-11	14:44	00.9
0024	1763.0	18-Aug-11	15:20	00.8
0025	1795.0	18-Aug-11	15:56	00.6



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0026	1826.0	18-Aug-11	16:25	00.8
0028	1890.0	18-Aug-11	17:23	01.2
0029	1922.0	18-Aug-11	17:56	01.2
0030	1985.0	18-Aug-11	18:58	01.1
0031	2017.0	18-Aug-11	19:41	00.6
Manual	2049.0	18-Aug-11	20:23	01.0
0033	2112.0	18-Aug-11	21:41	00.9
0034	2143.0	18-Aug-11	22:15	00.9
0035	2174.0	18-Aug-11	22:49	00.8
0036	2204.0	18-Aug-11	23:47	01.1
0037	2236.0	19-Aug-11	00:39	01.1
0038	2299.0	19-Aug-11	01:02	00.9
0039	2362.0	19-Aug-11	01:48	00.9
0040	2426.0	19-Aug-11	02:31	01.1
0041	2457.0	19-Aug-11	02:51	00.9
0042	2488.0	19-Aug-11	03:12	00.8
0043	2521.0	19-Aug-11	03:32	01.1
0045	2615.0	19-Aug-11	04:33	01.3
0046	2646.0	19-Aug-11	04:54	00.9
0047	2676.0	19-Aug-11	05:14	01.3
Manual	2708.0	19-Aug-11	05:33	01.6
0049	2833.0	19-Aug-11	07:56	01.2
0050	2865.0	19-Aug-11	08:25	01.0
0051	2896.0	19-Aug-11	08:52	01.0
0053	2960.0	19-Aug-11	10:04	01.3
0054	2991.0	19-Aug-11	10:34	01.4
0055	3023.0	19-Aug-11	11:04	01.0
0056	3054.0	19-Aug-11	11:35	01.2
0057	3086.0	19-Aug-11	12:08	01.3
0059	3148.0	19-Aug-11	13:16	01.4
0061	3242.0	19-Aug-11	14:48	01.0
0063	3305.0	19-Aug-11	15:45	01.3
0064	3337.0	19-Aug-11	16:13	01.5
Manual	3399.0	19-Aug-11	17:25	01.3
0067	3431.0	19-Aug-11	17:58	01.4
0068	3462.0	19-Aug-11	18:36	01.6
0069	3494.0	19-Aug-11	19:19	01.2
0070	3556.0	19-Aug-11	20:51	01.7
0071	3650.0	19-Aug-11	22:43	01.8
0072	3682.0	19-Aug-11	23:16	01.7
0073	3713.0	19-Aug-11	23:50	01.6
0074	3744.0	20-Aug-11	00:31	01.8
0075	3775.0	20-Aug-11	01:08	01.7
0076	3806.0	20-Aug-11	01:42	01.5
0077	3838.0	20-Aug-11	02:24	01.9



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0078	3870.0	20-Aug-11	03:00	01.9
0079	3902.0	20-Aug-11	03:39	01.5
0080	3933.0	20-Aug-11	04:17	01.4
0081	3965.0	20-Aug-11	05:00	02.0
0083	3996.0	20-Aug-11	06:03	01.4
0084	4027.0	20-Aug-11	06:49	01.9
Manual	4056.0	20-Aug-11	08:20	01.4
0087	4059.0	20-Aug-11	16:39	01.9
0088	4085.0	20-Aug-11	17:16	01.9
0089	4116.0	20-Aug-11	18:15	01.2
0090	4148.0	20-Aug-11	19:14	01.8
0091	4211.0	20-Aug-11	21:08	01.3
0092	4338.0	21-Aug-11	00:43	02.0
0094	4369.0	21-Aug-11	02:28	01.9
0097	4401.0	21-Aug-11	22:11	02.2
0095	4401.0	21-Aug-11	03:17	01.9
Manual	4433.0	21-Aug-11	22:50	01.6
0099	4496.0	21-Aug-11	23:42	02.1
0100	4527.0	22-Aug-11	00:27	01.7
0101	4589.0	22-Aug-11	02:09	01.6
0102	4621.0	22-Aug-11	02:59	01.0
0103	4652.0	22-Aug-11	03:55	01.3
0114	4871.0	24-Aug-11	14:10	01.4
0115	4903.0	24-Aug-11	15:28	01.5
0116	4934.0	24-Aug-11	16:37	01.7
0117	5062.0	24-Aug-11	22:43	01.5
0118	5093.0	25-Aug-11	00:02	01.6
0119	5124.0	25-Aug-11	01:19	01.1
0120	5186.0	25-Aug-11	04:02	01.9
0121	5217.0	25-Aug-11	05:20	02.0
0122	5249.0	25-Aug-11	06:52	01.8
0123	5281.0	25-Aug-11	07:52	01.7
0124	5344.0	25-Aug-11	10:06	02.2
0125	5375.0	25-Aug-11	11:11	02.1
0126	5407.0	25-Aug-11	12:21	02.0
0129	5501.0	25-Aug-11	16:20	02.0
0134	5690.0	26-Aug-11	02:34	01.5
0135	5722.0	26-Aug-11	04:07	01.5
0136	5754.0	26-Aug-11	05:30	01.3
0137	5786.0	26-Aug-11	06:44	01.8
0138	5849.0	26-Aug-11	09:27	01.8
0140	6006.0	26-Aug-11	14:19	02.7
0143	6038.0	26-Aug-11	23:17	02.2
0145	6100.0	27-Aug-11	01:15	02.8
Manual	6301.0	29-Aug-11	08:23	02.3



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
Manual	34444.0	25-Aug-11	19:25	00.0