



SURVEY REPORT

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ProView Version 6.00

Report created using job file: Apache

Empire AVO Unit #419-25SEP11

Report saved on 21 Oct 2011 11:50

Depth in feet

WELL NAME Empire AVO Unit #419
JOB ID Apache Empire AVO Unit #419
COMPANY Apache
CONTRACTOR Aztec #124
START DATE 25 SEP 11
API #
LOCATION Empire AVO Unit #419

SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
Tie-in	0.0	25-Sep-11	16:21	00.0
Manual	466.0	21-Oct-11	11:49	01.0
0001	534.0	12-Oct-11	21:17	01.4
Manual	564.0	12-Oct-11	21:49	01.0
0003	594.0	12-Oct-11	22:20	01.1
0004	655.0	12-Oct-11	23:17	01.1
0005	717.0	13-Oct-11	00:22	00.7
0006	749.0	13-Oct-11	00:59	01.1
0007	780.0	13-Oct-11	01:36	00.7
0008	811.0	13-Oct-11	02:08	01.1
0009	843.0	13-Oct-11	03:17	00.7
Manual	875.0	13-Oct-11	03:58	01.1
Manual	906.0	13-Oct-11	03:58	01.0
0012	938.0	13-Oct-11	04:19	00.4
0013	970.0	13-Oct-11	04:48	00.6
Manual	1001.0	13-Oct-11	05:12	00.7
0015	1032.0	13-Oct-11	05:35	00.3
0016	1063.0	13-Oct-11	06:01	00.7
0017	1063.0	13-Oct-11	06:29	00.7
0018	1158.0	13-Oct-11	07:23	00.6
Manual	1189.0	13-Oct-11	08:00	00.6
Manual	1220.0	13-Oct-11	08:29	00.8



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0021	1252.0	13-Oct-11	08:58	00.7
0022	1283.0	13-Oct-11	09:30	00.6
Manual	1345.0	13-Oct-11	10:37	00.6
0024	1376.0	13-Oct-11	11:15	00.2
0025	1408.0	13-Oct-11	11:49	00.3
0027	1501.0	13-Oct-11	13:32	00.7
0028	1564.0	13-Oct-11	14:38	00.5
0030	1658.0	13-Oct-11	16:25	00.4
0031	1720.0	13-Oct-11	18:08	00.5
0032	1752.0	13-Oct-11	18:54	00.5
0033	1783.0	13-Oct-11	19:54	00.7
0034	1814.0	13-Oct-11	20:28	00.5
0035	1846.0	13-Oct-11	21:05	00.2
0036	1878.0	13-Oct-11	21:38	00.8
0037	1910.0	13-Oct-11	22:14	00.7
0039	1973.0	13-Oct-11	23:19	00.3
0040	2005.0	14-Oct-11	00:26	00.6
0041	2036.0	14-Oct-11	01:31	00.6
0042	2068.0	14-Oct-11	02:29	00.8
0043	2100.0	14-Oct-11	03:35	00.8
0044	2131.0	14-Oct-11	04:52	00.3
0045	2162.0	14-Oct-11	05:57	00.6
0046	2194.0	14-Oct-11	06:52	00.9
0047	2226.0	14-Oct-11	07:41	00.8
0048	2258.0	14-Oct-11	08:23	00.8
0049	2289.0	14-Oct-11	09:10	00.9
0050	2321.0	14-Oct-11	09:51	00.5
0051	2352.0	14-Oct-11	10:36	00.4
0052	2384.0	14-Oct-11	11:23	00.3
0053	2416.0	14-Oct-11	12:02	00.3
0054	2447.0	14-Oct-11	12:46	00.6
0055	2477.0	14-Oct-11	13:26	00.7
0056	2509.0	14-Oct-11	14:00	00.7
0057	2540.0	14-Oct-11	14:42	00.1
0058	2572.0	14-Oct-11	15:28	00.8
0059	2603.0	14-Oct-11	16:05	00.1
0060	2634.0	14-Oct-11	16:45	00.5
0061	2665.0	14-Oct-11	17:42	00.1
0062	2697.0	14-Oct-11	18:26	00.5
0063	2728.0	14-Oct-11	19:11	00.3
0064	2759.0	14-Oct-11	19:57	00.4
0065	2791.0	14-Oct-11	20:37	00.4
0066	2822.0	14-Oct-11	21:16	00.4
0067	2854.0	14-Oct-11	22:00	00.2
0068	2886.0	14-Oct-11	22:43	00.4



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0069	2918.0	14-Oct-11	23:24	00.2
0070	2950.0	15-Oct-11	00:05	00.3
0071	2981.0	15-Oct-11	00:46	00.3
0072	3012.0	15-Oct-11	01:25	00.3
0073	3043.0	15-Oct-11	02:01	00.3
0074	3074.0	15-Oct-11	02:39	00.3
0075	3106.0	15-Oct-11	03:21	00.4
0076	3138.0	15-Oct-11	04:04	00.3
0077	3169.0	15-Oct-11	04:48	00.3
0078	3200.0	15-Oct-11	05:30	00.4
0079	3232.0	15-Oct-11	06:09	00.2
0080	3264.0	15-Oct-11	06:49	00.4
0081	3295.0	15-Oct-11	07:28	00.4
0082	3327.0	15-Oct-11	08:11	00.5
0083	3359.0	15-Oct-11	08:53	00.5
0084	3390.0	15-Oct-11	09:40	00.4
0085	3420.0	15-Oct-11	10:22	00.4
0086	3451.0	15-Oct-11	11:02	00.2
0087	3483.0	15-Oct-11	11:59	00.1
0089	3545.0	15-Oct-11	13:33	00.1
0088	3545.0	15-Oct-11	12:45	00.1
0090	3576.0	15-Oct-11	14:37	00.5
0091	3608.0	15-Oct-11	15:25	00.5
0092	3640.0	15-Oct-11	16:07	00.4
0093	3671.0	15-Oct-11	16:47	00.7
0094	3702.0	15-Oct-11	17:29	00.8
0095	3733.0	15-Oct-11	18:09	00.6
0096	3764.0	15-Oct-11	18:48	00.6
0097	3796.0	15-Oct-11	19:29	00.0
0098	3826.0	15-Oct-11	20:10	00.2
0099	3858.0	15-Oct-11	20:49	00.2
0100	3888.0	15-Oct-11	21:32	00.7
0101	3919.0	15-Oct-11	22:16	00.4
0102	3951.0	15-Oct-11	23:02	00.8
0103	3982.0	15-Oct-11	23:48	00.6
0104	4014.0	16-Oct-11	00:39	00.9
0105	4045.0	16-Oct-11	01:31	00.6
0106	4076.0	16-Oct-11	02:21	00.9
0107	4107.0	16-Oct-11	03:10	00.8
0108	4139.0	16-Oct-11	04:12	00.9
0109	4171.0	16-Oct-11	05:20	00.8
0110	4202.0	16-Oct-11	06:29	00.9
0111	4233.0	16-Oct-11	07:37	00.2
0112	4265.0	16-Oct-11	08:42	00.2
0113	4297.0	16-Oct-11	09:49	00.2



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0114	4328.0	16-Oct-11	19:32	00.2
0115	4360.0	16-Oct-11	20:38	00.6
0116	4392.0	16-Oct-11	21:39	00.8
0117	4423.0	16-Oct-11	22:35	00.3
0118	4455.0	16-Oct-11	23:28	00.7
0119	4482.0	17-Oct-11	00:31	00.8
0120	4518.0	17-Oct-11	01:29	00.5
0121	4550.0	17-Oct-11	02:24	00.9
0122	4582.0	17-Oct-11	03:19	00.5
0123	4614.0	17-Oct-11	04:15	00.3
0124	4645.0	17-Oct-11	05:16	00.3
0125	4709.0	17-Oct-11	07:15	00.4
0126	4740.0	17-Oct-11	08:11	01.3
0127	4772.0	17-Oct-11	09:00	01.4
0128	4803.0	17-Oct-11	10:05	01.5
0129	4834.0	17-Oct-11	11:22	01.7
0130	4865.0	17-Oct-11	12:18	01.1
0131	4895.0	17-Oct-11	13:07	01.4
0132	4926.0	17-Oct-11	14:18	01.0
0133	4957.0	17-Oct-11	15:25	01.4
0134	4989.0	17-Oct-11	16:38	02.0
0135	5021.0	17-Oct-11	18:16	01.9
0140	5052.0	18-Oct-11	03:55	01.8
0141	5084.0	18-Oct-11	04:50	01.9
0142	5115.0	18-Oct-11	05:40	01.6
0144	5179.0	18-Oct-11	07:33	02.0
0145	5210.0	18-Oct-11	08:26	02.4
0146	5241.0	18-Oct-11	09:20	02.4
0147	5273.0	18-Oct-11	10:31	02.3
0148	5303.0	18-Oct-11	11:30	01.7
0149	5335.0	18-Oct-11	12:18	01.5
0153	5360.0	18-Oct-11	15:19	01.2
0150	5367.0	18-Oct-11	13:05	01.5
0151	5397.0	18-Oct-11	13:51	01.3
0152	5428.0	18-Oct-11	14:35	01.2
0154	5492.0	18-Oct-11	16:13	01.6
0155	5523.0	18-Oct-11	17:05	01.7
0156	5555.0	18-Oct-11	18:22	01.4
0158	5587.0	19-Oct-11	05:22	01.7
Manual	5598.0	19-Oct-11	06:13	01.1
0160	5630.0	19-Oct-11	07:26	01.4
0161	5660.0	19-Oct-11	08:35	01.4
0162	5692.0	19-Oct-11	09:45	00.3
0163	5723.0	19-Oct-11	10:54	01.0
0164	5755.0	19-Oct-11	12:01	00.5



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SURVEY #	SURVEY DEPTH	DATE	TIME	INCLINATION
0165	5786.0	19-Oct-11	13:07	00.3
0166	5818.0	19-Oct-11	13:59	01.0
0167	5850.0	19-Oct-11	14:44	01.0
0168	5881.0	19-Oct-11	15:26	00.0
0169	5912.0	19-Oct-11	16:07	00.3
0139	5929.0	18-Oct-11	03:08	02.0
0170	5944.0	19-Oct-11	16:50	00.1
0171	5976.0	19-Oct-11	17:33	00.1
0172	6007.0	19-Oct-11	18:26	00.5
0173	6038.0	19-Oct-11	19:25	00.6
0175	6132.0	19-Oct-11	23:08	00.7
0176	6165.0	20-Oct-11	00:32	00.7
0177	6196.0	20-Oct-11	01:53	00.9
0178	6228.0	20-Oct-11	03:09	00.7
0179	6259.0	20-Oct-11	04:37	00.8
0180	6291.0	20-Oct-11	06:02	00.5