DRILTECH MWD SURVEY REPORT

Company:	EOG Resources, Inc.	Job Number:	2015-071-EODT-NM
Well:	Dragon 36 State #502H	Vertical Section Plane:	178.21
Location:	Lea County, New Mexico	WELL API #:	30-025-42501
Rig:	Precision 612	Tie Into:	Surface

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
149	MWD	13280.00	90.60	181.30	92	11167.45	1818.64	1816.37 S	100.93 E	1819.18	176.82	0.98	0.98
150	MWD	13372.00	88.90	179.70	92	11167.85	1910.56	1908.36 S	100.13 E	1910.99	177.00	2.54	-1.85
151	MWD	13464.00	88.90	179.20	92	11169.62	2002.52	2000.34 S	101.01 E	2002.89	177.11	0.54	0.00
152	MWD	13557.00	89.70	179.20	93	11170.75	2095.50	2093.33 S	102.31 E	2095.82	177.20	0.86	0.86
153	MWD	13649.00	90.30	179.20	92	11170.75	2187.49	2185.32 S	103.59 E	2187.77	177.29	0.65	0.65
154	MWD	13742.00	89.70	178.40	93	11170.75	2280.48	2278.29 S	105.54 E	2280.74	177.35	1.08	-0.65
155	MWD	13834.00	90.10	178.60	92	11170.91	2372.48	2370.26 S	107.95 E	2372.72	177.39	0.49	0.43
156	MWD	13927.00	91.00	178.80	93	11170.02	2465.47	2463.23 S	110.06 E	2465.69	177.44	0.99	0.97
157	MWD	14019.00	89.00	179.00	92	11170.02	2557.46	2555.21 S	111.82 E	2557.66	177.49	2.18	-2.17
158	MWD	14111.00	88.90	179.30	92	11171.71	2649.43	2647.19 S	113.19 E	2649.60	177.55	0.34	-0.11
159	MWD	14203.00	89.00	179.20	92	11173.39	2741.40	2739.16 S	114.39 E	2741.55	177.61	0.15	0.11
160	MWD	14296.00	89.60	178.80	93	11174.53	2834.38	2832.14 S	116.01 E	2834.52	177.65	0.78	0.65
161	MWD	14388.00	89.90	178.80	92	11174.93	2926.38	2924.12 S	117.94 E	2926.50	177.69	0.33	0.33
162	MWD	14481.00	89.60	179.00	93	11175.33	3019.37	3017.10 S	119.73 E	3019.48	177.73	0.39	-0.32
163	MWD	14573.00	90.60	179.30	92	11175.17	3111.36	3109.09 S	121.09 E	3111.45	177.77	1.13	1.09
164	MWD	14666.00	90.10	179.00	93	11174.61	3204.34	3202.08 S	122.47 E	3204.42	177.81	0.63	-0.54
165	MWD	14758.00	89.00	179.00	92	11175.33	3296.33	3294.06 S	124.08 E	3296.40	177.84	1.20	-1.20
166	MWD	14845.00	89.40	178.60	87	11176.54	3383.31	3381.03 S	125.90 E	3383.37	177.87	0.65	0.46
167	MWD	14937.00	90.30	177.70	92	11176.78	3475.31	3472.98 S	128.87 E	3475.37	177.87	1.38	0.98
168	MWD	15029.00	90.60	179.90	92	11176.06	3567.30	3564.95 S	130.80 E	3567.35	177.90	2.41	0.33
169	MWD	15122.00	89.40	180.60	93	11176.06	3660.24	3657.95 S	130.39 E	3660.27	177.96	1.49	-1.29
170	MWD	15214.00	89.40	181.30	92	11177.02	3752.13	3749.93 S	128.86 E	3752.14	178.03	0.76	0.00
171	MWD	15307.00	90.10	181.30	93	11177.43	3844.99	3842.91 S	126.75 E	3845.00	178.11	0.75	0.75
172	MWD	15399.00	87.10	181.60	92	11179.68	3936.80	3934.84 S	124.43 E	3936.80	178.19	3.28	-3.26
173	MWD	15491.00	87.60	181.40	92	11183.93	4028.55	4026.71 S	122.02 E	4028.56	178.26	0.59	0.54
174	MWD	15584.00	87.40	180.60	93	11187.99	4121.36	4119.60 S	120.40 E	4121.36	178.33	0.89	-0.22
175	MWD	15676.00	89.00	179.90	92	11190.88	4213.25	4211.55 S	120.00 E	4213.26	178.37	1.90	1.74
176	MWD	15768.00	91.00	179.30	92	11190.88	4305.22	4303.55 S	120.64 E	4305.24	178.39	2.27	2.17
177	MWD	15861.00	90.80	179.00	93	11189.42	4398.19	4396.53 S	122.02 E	4398.22	178.41	0.39	-0.22
178	MWD	15890.00	90.40	178.80	29	11189.11	4427.19	4425.52 S	122.58 E	4427.22	178.41	1.54	-1.38
179	PROJ	15946.00	90.40	178.80	56	11188.72	4483.18	4481.50 S	123.75 E	4483.21	178.42	0.00	0.00

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DRILTECH MWD SURVEY REPORT

Company:	EOG Resources, Inc.	Job Number:	2015-071-EODT-NM
Well:	Dragon 36 State #502H	Vertical Section Plane:	178.21
Location:	Lea County, New Mexico	WELL API #:	30-025-42501
Rig:	Precision 612	Tie Into:	Surface

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
Tie In	Surf	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	MWD	179.00	1.20	97.40	179	178.99	0.30	0.24 S	1.86 E	1.87	97.40	0.67	0.67
2	MWD	272.00	0.70	146.60	93	271.98	0.94	0.84 S	3.14 E	3.25	105.01	0.98	-0.54
3	MWD	334.00	0.70	230.80	62	333.97	1.49	1.40 S	3.05 E	3.36	114.59	1.51	0.00
4	MWD	396.00	0.40	144.70	62	395.97	1.90	1.81 S	2.88 E	3.41	122.15	1.26	-0.48
5	MWD	521.00	1.10	295.30	125	520.96	1.72	1.66 S	2.05 E	2.64	128.92	1.17	0.56
6	MWD	614.00	1.20	296.90	93	613.94	0.85	0.83 S	0.38 E	0.91	155.75	0.11	0.11
7	MWD	706.00	0.70	293.40	92	705.93	0.14	0.17 S	1.00 W	1.01	260.07	0.55	-0.54
8	MWD	798.00	1.10	295.00	92	797.92	-0.49	0.42 N	2.32 W	2.35	280.32	0.44	0.43
9	MWD	890.00	1.20	287.60	92	889.90	-1.21	1.09 N	4.03 W	4.18	285.07	0.19	0.11
10	MWD	982.00	1.90	319.40	92	981.87	-2.72	2.54 N	5.94 W	6.46	293.10	1.18	0.76
11	MWD	1075.00	3.70	336.50	93	1074.76	-6.71	6.46 N	8.14 W	10.39	308.41	2.11	1.94
12	MWD	1193.00	2.60	3.70	118	1192.58	-12.91	12.62 N	9.49 W	15.79	323.06	1.55	-0.93
13	MWD	1268.00	2.60	9.00	75	1267.50	-16.28	16.00 N	9.11 W	18.41	330.33	0.32	0.00
14	MWD	1361.00	2.50	2.30	93	1360.41	-20.37	20.11 N	8.70 W	21.91	336.60	0.34	-0.11
15	MWD	1546.00	7.20	13.70	185	1544.70	-35.58	35.41 N	5.79 W	35.88	350.71	2.58	2.54
16	MWD	1638.00	7.20	12.00	92	1635.98	-46.73	46.65 N	3.23 W	46.77	356.04	0.23	0.00
17	MWD	1730.00	6.70	12.30	92	1727.30	-57.54	57.54 N	0.89 W	57.54	359.12	0.54	-0.54
18	MWD	1915.00	6.50	352.80	185	1911.10	-78.43	78.47 N	0.10 E	78.47	0.07	1.21	-0.11
19	MWD	2100.00	7.20	31.80	185	2094.87	-98.52	98.73 N	4.90 E	98.85	2.84	2.49	0.38
20	MWD	2192.00	7.40	23.80	92	2186.13	-108.67	109.05 N	10.33 E	109.53	5.41	1.13	0.22
21	MWD	2284.00	7.60	16.20	92	2277.34	-119.80	120.31 N	14.42 E	121.17	6.83	1.10	0.22
22	MWD	2469.00	7.60	14.80	185	2460.72	-143.16	143.89 N	20.95 E	145.40	8.29	0.10	0.00
23	MWD	2561.00	7.40	13.70	92	2551.93	-154.70	155.52 N	23.91 E	157.35	8.74	0.27	-0.22
24	MWD	2746.00	7.40	14.30	185	2735.39	-177.63	178.64 N	29.68 E	181.09	9.43	0.04	0.00
25	MWD	2838.00	7.40	13.90	92	2826.63	-189.02	190.13 N	32.56 E	192.90	9.72	0.06	0.00
26	MWD	2931.00	7.60	13.70	93	2918.83	-200.72	201.92 N	35.46 E	205.01	9.96	0.22	0.22
27	MWD	3023.00	7.40	12.20	92	3010.04	-212.33	213.62 N	38.15 E	217.00	10.13	0.30	-0.22
28	MWD	3115.00	7.20	11.50	92	3101.30	-223.69	225.06 N	40.55 E	228.69	10.21	0.24	-0.22
29	MWD	3208.00	7.20	12.00	93	3193.56	-235.02	236.48 N	42.93 E	240.34	10.29	0.07	0.00
30	MWD	3300.00	7.20	12.00	92	3284.84	-246.22	247.76 N	45.32 E	251.87	10.37	0.00	0.00
31	MWD	3393.00	7.00	11.80	93	3377.12	-257.39	259.00 N	47.69 E	263.36	10.43	0.22	-0.22
32	MWD	3578.00	6.90	15.50	185	3560.77	-278.95	280.75 N	52.97 E	285.70	10.68	0.25	-0.05
33	MWD	3670.00	6.90	15.70	92	3652.10	-289.50	291.39 N	55.94 E	296.71	10.87	0.03	0.00
34	MWD	3763.00	6.20	14.40	93	3744.49	-299.65	301.63 N	58.70 E	307.29	11.01	0.77	-0.75

DRILTECH MWD SURVEY REPORT

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Well:	Dragon 36 State #502H	Vertical Section Plane:	178.21
Location:	Lea County, New Mexico	WELL API #:	30-025-42501
Rig:	Precision 612	Tie Into:	Surface

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
35	MWD	3855.00	5.80	9.50	92	3835.99	-308.98	311.03 N	60.70 E	316.90	11.04	0.71	-0.43
36	MWD	4040.00	5.30	3.40	185	4020.12	-326.66	328.78 N	62.75 E	334.71	10.81	0.42	-0.27
37	MWD	4224.00	6.00	5.80	184	4203.23	-344.65	346.83 N	64.23 E	352.73	10.49	0.40	0.38
38	MWD	4317.00	5.80	5.70	93	4295.73	-354.13	356.34 N	65.19 E	362.26	10.37	0.22	-0.22
39	MWD	4409.00	5.30	1.40	92	4387.30	-362.98	365.22 N	65.75 E	371.09	10.21	0.71	-0.54
40	MWD	4501.00	5.50	12.70	92	4478.90	-371.49	373.76 N	66.83 E	379.69	10.14	1.17	0.22
41	MWD	4593.00	5.30	23.60	92	4570.49	-379.60	381.96 N	69.50 E	388.23	10.31	1.13	-0.22
42	MWD	4686.00	4.90	27.60	93	4663.12	-386.94	389.42 N	73.06 E	396.21	10.63	0.58	-0.43
43	MWD	4778.00	6.20	17.30	92	4754.69	-395.06	397.64 N	76.35 E	404.91	10.87	1.77	1.41
44	MWD	4870.00	6.00	22.40	92	4846.17	-404.14	406.83 N	79.66 E	414.56	11.08	0.63	-0.22
45	MWD	4963.00	5.60	29.70	93	4938.70	-412.45	415.27 N	83.76 E	423.63	11.40	0.90	-0.43
46	MWD	5055.00	6.00	22.50	92	5030.23	-420.66	423.61 N	87.83 E	432.62	11.71	0.90	0.43
47	MWD	5108.00	5.80	16.90	53	5082.95	-425.72	428.73 N	89.67 E	438.01	11.81	1.15	-0.38
48	MWD	5215.00	5.50	19.40	107	5189.43	-435.62	438.74 N	92.94 E	448.47	11.96	0.36	-0.28
49	MWD	5308.00	4.80	11.60	93	5282.05	-443.56	446.75 N	95.20 E	456.79	12.03	1.06	-0.75
50	MWD	5400.00	3.30	351.60	92	5373.82	-449.94	453.14 N	95.59 E	463.12	11.91	2.22	-1.63
51	MWD	5492.00	3.00	347.50	92	5465.69	-454.93	458.11 N	94.68 E	467.80	11.68	0.41	-0.33
52	MWD	5585.00	3.20	347.50	93	5558.55	-459.88	463.02 N	93.60 E	472.39	11.43	0.22	0.22
53	MWD	5677.00	3.00	343.90	92	5650.41	-464.73	467.84 N	92.37 E	476.88	11.17	0.30	-0.22
54	MWD	5769.00	3.30	341.00	92	5742.28	-469.59	472.66 N	90.84 E	481.31	10.88	0.37	0.33
55	MWD	5862.00	2.60	359.90	93	5835.15	-474.26	477.30 N	89.97 E	485.71	10.67	1.28	-0.75
56	MWD	5954.00	2.60	4.20	92	5927.06	-478.42	481.47 N	90.12 E	489.83	10.60	0.21	0.00
57	MWD	6046.00	2.60	1.80	92	6018.96	-482.58	485.64 N	90.33 E	493.97	10.54	0.12	0.00
58	MWD	6139.00	2.60	2.70	93	6111.87	-486.79	489.85 N	90.50 E	498.14	10.47	0.04	0.00
59	MWD	6231.00	2.60	2.80	92	6203.77	-490.95	494.02 N	90.70 E	502.28	10.40	0.00	0.00
60	MWD	6323.00	1.10	22.00	92	6295.72	-493.83	496.92 N	91.13 E	505.21	10.39	1.74	-1.63
61	MWD	6416.00	1.10	24.80	93	6388.71	-495.45	498.56 N	91.84 E	506.95	10.44	0.06	0.00
62	MWD	6508.00	1.20	19.50	92	6480.69	-497.14	500.27 N	92.53 E	508.76	10.48	0.16	0.11
63	MWD	6600.00	1.20	17.30	92	6572.67	-498.94	502.10 N	93.14 E	510.67	10.51	0.05	0.00
64	MWD	6693.00	1.20	19.70	93	6665.65	-500.77	503.95 N	93.76 E	512.59	10.54	0.05	0.00
65	MWD	6785.00	1.20	18.10	92	6757.63	-502.57	505.77 N	94.38 E	514.50	10.57	0.04	0.00
66	MWD	6877.00	1.10	352.50	92	6849.61	-504.36	507.56 N	94.57 E	516.29	10.55	0.56	-0.11
67	MWD	6970.00	1.10	339.30	93	6942.59	-506.09	509.28 N	94.14 E	517.91	10.47	0.27	0.00
68	MWD	7062.00	0.50	67.90	92	7034.59	-507.07	510.26 N	94.20 E	518.88	10.46	1.30	-0.65
69	MWD	7154.00	0.70	91.30	92	7126.58	-507.17	510.40 N	95.13 E	519.18	10.56	0.34	0.22
70	MWD	7247.00	0.50	77.70	93	7219.58	-507.22	510.47 N	96.09 E	519.43	10.66	0.26	-0.22
71	MWD	7339.00	0.70	82.50	92	7311.57	-507.35	510.63 N	97.04 E	519.77	10.76	0.22	0.22
72	MWD	7431.00	0.70	82.30	92	7403.56	-507.46	510.78 N	98.16 E	520.12	10.88	0.00	0.00

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Well:	Dragon 36 State #502H	Vertical Section Plane:	178.21
Location:	Lea County, New Mexico	WELL API #:	30-025-42501
Rig:	Precision 612	Tie Into:	Surface

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
73	MWD	7524.00	0.50	96.00	93	7496.56	-507.46	510.81 N	99.12 E	520.34	10.98	0.26	-0.22
74	MWD	7708.00	1.10	102.70	184	7680.54	-506.91	510.34 N	101.65 E	520.36	11.26	0.33	0.33
75	MWD	7801.00	0.90	116.20	93	7773.53	-506.35	509.82 N	103.17 E	520.15	11.44	0.33	-0.22
76	MWD	7893.00	0.70	118.00	92	7865.52	-505.73	509.24 N	104.32 E	519.81	11.58	0.22	-0.22
77	MWD	7986.00	0.70	127.50	93	7958.51	-505.09	508.62 N	105.27 E	519.40	11.69	0.12	0.00
78	MWD	8078.00	0.70	123.60	92	8050.50	-504.41	507.97 N	106.18 E	518.95	11.81	0.05	0.00
79	MWD	8170.00	0.70	137.00	92	8142.50	-503.66	507.25 N	107.03 E	518.42	11.92	0.18	0.00
80	MWD	8263.00	0.70	137.00	93	8235.49	-502.80	506.42 N	107.81 E	517.77	12.02	0.00	0.00
81	MWD	8355.00	0.70	138.90	92	8327.48	-501.95	505.58 N	108.56 E	517.11	12.12	0.03	0.00
82	MWD	8447.00	0.70	132.70	92	8419.48	-501.12	504.78 N	109.34 E	516.49	12.22	0.08	0.00
83	MWD	8540.00	0.70	130.60	93	8512.47	-500.34	504.02 N	110.19 E	515.93	12.33	0.03	0.00
84	MWD	8632.00	0.70	132.20	92	8604.46	-499.57	503.28 N	111.04 E	515.38	12.44	0.02	0.00
85	MWD	8724.00	0.70	118.00	92	8696.45	-498.90	502.64 N	111.95 E	514.95	12.56	0.19	0.00
86	MWD	8817.00	0.50	295.00	93	8789.45	-498.80	502.54 N	112.08 E	514.89	12.57	1.29	-0.22
87	MWD	8909.00	1.10	339.30	92	8881.44	-499.81	503.54 N	111.41 E	515.72	12.48	0.89	0.65
88	MWD	9001.00	1.10	330.10	92	8973.43	-501.43	505.13 N	110.65 E	517.11	12.36	0.19	0.00
89	MWD	9094.00	0.90	335.20	93	9066.41	-502.89	506.57 N	109.90 E	518.35	12.24	0.24	-0.22
90	MWD	9186.00	0.90	336.80	92	9158.40	-504.23	507.89 N	109.31 E	519.52	12.15	0.03	0.00
91	MWD	9278.00	0.90	339.10	92	9250.39	-505.58	509.23 N	108.77 E	520.71	12.06	0.04	0.00
92	MWD	9371.00	0.70	345.30	93	9343.38	-506.82	510.46 N	108.37 E	521.84	11.99	0.23	-0.22
93	MWD	9463.00	0.70	20.60	92	9435.37	-507.89	511.53 N	108.42 E	522.89	11.97	0.46	0.00
94	MWD	9556.00	1.40	48.40	93	9528.36	-509.14	512.81 N	109.47 E	524.37	12.05	0.91	0.75
95	MWD	9648.00	1.80	62.80	92	9620.32	-510.48	514.22 N	111.60 E	526.19	12.24	0.61	0.43
96	MWD	9740.00	0.40	129.60	92	9712.31	-510.89	514.68 N	113.13 E	526.96	12.40	1.83	-1.52
97	MWD	9833.00	0.40	158.90	93	9805.30	-510.37	514.17 N	113.50 E	526.55	12.45	0.22	0.00
98	MWD	9925.00	0.50	108.70	92	9897.30	-509.93	513.74 N	113.99 E	526.23	12.51	0.43	0.11
99	MWD	10018.00	0.90	35.90	93	9990.30	-510.36	514.20 N	114.81 E	526.86	12.59	0.96	0.43
100	MWD	10110.00	0.90	26.60	92	10082.28	-511.57	515.43 N	115.55 E	528.23	12.64	0.16	0.00
101	MWD	10202.00	0.70	28.70	92	10174.28	-512.69	516.57 N	116.15 E	529.47	12.67	0.22	-0.22
102	MWD	10295.00	1.10	55.40	93	10267.26	-513.66	517.58 N	117.15 E	530.67	12.75	0.61	0.43
103	MWD	10387.00	1.10	37.80	92	10359.25	-514.82	518.78 N	118.42 E	532.12	12.86	0.37	0.00
104	MWD	10480.00	1.80	53.10	93	10452.22	-516.35	520.36 N	120.14 E	534.05	13.00	0.85	0.75
105	MWD	10571.00	0.90	91.10	91	10543.19	-517.14	521.20 N	121.99 E	535.29	13.17	1.34	-0.99
106	MWD	10617.00	4.90	178.80	46	10589.13	-515.15	519.23 N	122.40 E	533.46	13.26	10.75	8.70
107	MWD	10663.00	8.60	182.30	46	10634.81	-509.76	513.83 N	122.30 E	528.18	13.39	8.09	8.04
108	MWD	10709.00	12.80	185.10	46	10680.00	-501.26	505.31 N	121.71 E	519.76	13.54	9.20	9.13
109	MWD	10755.00	16.50	183.20	46	10724.50	-489.69	493.71 N	120.89 E	508.30	13.76	8.11	8.04
110	MWD	10801.00	20.90	185.00	46	10768.06	-475.03	479.01 N	119.81 E	493.76	14.04	9.65	9.57

DRILTECH MWD SURVEY REPORT

Company:	EOG Resources, Inc.	Job Number:	2015-071-EODT-NM
Well:	Dragon 36 State #502H	Vertical Section Plane:	178.21
Location:	Lea County, New Mexico	WELL API #:	30-025-42501
Rig:	Precision 612	Tie Into:	Surface

Calculation Method: Minimum Curvature

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
111	MWD	10848.00	23.60	185.30	47	10811.55	-457.37	461.28 N	118.21 E	476.19	14.37	5.75	5.74
112	MWD	10894.00	26.00	191.80	46	10853.32	-438.42	442.24 N	115.30 E	457.02	14.61	7.89	5.22
113	MWD	10940.00	29.70	192.90	46	10893.98	-417.59	421.25 N	110.69 E	435.55	14.72	8.12	8.04
114	MWD	10986.00	34.50	192.30	46	10932.94	-393.92	397.40 N	105.37 E	411.14	14.85	10.46	10.43
115	MWD	11033.00	38.00	190.20	47	10970.84	-366.85	370.15 N	99.97 E	383.41	15.11	7.90	7.45
116	MWD	11083.00	42.90	187.60	50	11008.88	-334.98	338.11 N	94.99 E	351.20	15.69	10.36	9.80
117	MWD	11126.00	47.30	185.50	43	11039.22	-304.85	307.86 N	91.54 E	321.18	16.56	10.80	10.23
118	MWD	11172.00	53.80	180.70	46	11068.45	-269.49	272.43 N	89.69 E	286.81	18.22	16.26	14.13
119	MWD	11218.00	60.00	179.70	46	11093.55	-231.00	233.91 N	89.56 E	250.47	20.95	13.60	13.48
120	MWD	11264.00	68.10	180.00	46	11113.67	-189.69	192.58 N	89.67 E	212.44	24.97	17.62	17.61
121	MWD	11311.00	75.00	182.00	47	11128.53	-145.19	148.04 N	88.88 E	172.67	30.98	15.22	14.68
122	MWD	11341.00	80.90	182.30	30	11134.79	-115.93	118.73 N	87.77 E	147.65	36.47	19.69	19.67
123	MWD	11386.00	89.40	184.20	45	11138.59	-71.31	74.01 N	85.23 E	112.88	49.03	19.35	18.89
124	MWD	11427.00	91.00	184.40	41	11138.45	-30.54	33.12 N	82.16 E	88.58	68.04	3.93	3.90
125	MWD	11519.00	93.60	183.20	92	11134.76	60.94	58.59 S	76.06 E	96.01	127.61	3.11	2.83
126	MWD	11587.00	99.10	182.30	68	11127.24	128.28	126.07 S	72.82 E	145.59	149.99	8.19	8.09
127	MWD	11617.00	98.70	181.30	30	11122.60	157.86	155.69 S	71.89 E	171.49	155.22	3.55	-1.33
128	MWD	11648.00	94.70	179.90	31	11118.98	188.62	186.47 S	71.57 E	199.73	159.00	13.66	-12.90
129	MWD	11679.00	90.80	180.20	31	11117.50	219.56	217.43 S	71.54 E	228.90	161.79	12.62	-12.58
130	MWD	11710.00	87.80	179.90	31	11117.88	250.54	248.42 S	71.51 E	258.51	163.94	9.73	-9.68
131	MWD	11741.00	87.40	179.50	31	11119.17	281.50	279.40 S	71.68 E	288.44	165.61	1.82	-1.29
132	MWD	11771.00	86.70	178.80	30	11120.72	311.45	309.35 S	72.12 E	317.65	166.88	3.30	-2.33
133	MWD	11802.00	85.90	178.60	31	11122.72	342.39	340.28 S	72.82 E	347.99	167.92	2.66	-2.58
134	MWD	11894.00	85.90	177.90	92	11129.30	434.15	432.00 S	75.62 E	438.57	170.07	0.76	0.00
135	MWD	11987.00	85.90	176.90	93	11135.95	526.90	524.67 S	79.83 E	530.71	171.35	1.07	0.00
136	MWD	12079.00	86.60	176.50	92	11141.96	618.67	616.32 S	85.12 E	622.17	172.14	0.88	0.76
137	MWD	12172.00	88.20	176.00	93	11146.18	711.52	709.02 S	91.19 E	714.86	172.67	1.80	1.72
138	MWD	12264.00	89.70	178.10	92	11147.87	803.48	800.87 S	95.93 E	806.60	173.17	2.80	1.63
139	MWD	12356.00	89.20	178.10	92	11148.75	895.47	892.82 S	98.98 E	898.29	173.67	0.54	-0.54
140	MWD	12449.00	86.70	179.30	93	11152.08	988.40	985.73 S	101.09 E	990.90	174.14	2.98	-2.69
141	MWD	12541.00	87.40	179.50	92	11156.81	1080.26	1077.60 S	102.05 E	1082.42	174.59	0.79	0.76
142	MWD	12633.00	88.20	179.30	92	11160.34	1172.17	1169.52 S	103.01 E	1174.05	174.97	0.90	0.87
143	MWD	12726.00	88.50	179.30	93	11163.02	1265.12	1262.48 S	104.15 E	1266.77	175.28	0.32	0.32
144	MWD	12818.00	90.10	178.80	92	11164.14	1357.10	1354.46 S	105.67 E	1358.57	175.54	1.82	1.74
145	MWD	12911.00	89.70	180.00	93	11164.31	1450.07	1447.45 S	106.65 E	1451.37	175.79	1.36	-0.43
146	MWD	13003.00	89.00	180.90	92	11165.35	1542.00	1539.44 S	105.92 E	1543.08	176.06	1.24	-0.76
147	MWD	13095.00	89.20	180.70	92	11166.80	1633.89	1631.42 S	104.64 E	1634.77	176.33	0.31	0.22
148	MWD	13188.00	89.70	181.30	93	11167.69	1726.78	1724.40 S	103.02 E	1727.47	176.58	0.84	0.54