



Company: Chesapeake Energy
 Field: Marcellus Shale
 Cty/Blk/Par: Marshall Co., WV
 Well Name: Stansberry 5H
 Rig: Nomac 242

Job Number: 4492
 Magnetic Decl.: -7.73
 Grid Corr.: _____
 Total Survey Corr.: _____
 Target Info: N/a

Calculation Method Minimum Curvature
 Proposed Azimuth 313.0
 Depth Reference Driller
 Tie Into: _____

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')
								N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)			
0	Tie In	6584.00	9.19	50.91	0	6535.13	-62.89	379.23 N	439.63 E	0	0	0.3	0	0
1	MWD	6642.00	8.90	48.10	58	6592.41	-63.93	385.15 N	446.56 E	589.71	49.22	0.91	-0.5	-4.84
2	MWD	6685.00	7.70	9.70	43	6634.99	-62.64	390.21 N	449.53 E	595.26	49.04	12.93	-2.8	-89.3
3	MWD	6729.00	11.10	343.60	44	6678.41	-57.37	397.19 N	448.83 E	599.34	48.49	12.21	7.7	758.9
4	MWD	6772.00	14.80	334.20	43	6720.32	-48.69	406.10 N	445.27 E	602.65	47.63	9.87	8.6	-21.9
5	MWD	6815.00	18.60	327.40	43	6761.50	-36.92	416.83 N	439.18 E	605.50	46.50	9.92	8.8	-15.8
6	MWD	6859.00	22.60	320.90	44	6802.68	-21.74	429.31 N	430.06 E	607.67	45.05	10.46	9.1	-14.8
7	MWD	6902.00	25.00	319.50	43	6842.02	-4.52	442.63 N	418.95 E	609.46	43.43	5.73	5.6	-3.3
8	MWD	6946.00	29.30	320.10	44	6881.17	15.41	457.97 N	406.00 E	612.02	41.56	9.79	9.8	1.4
9	MWD	6989.00	34.20	320.60	43	6917.72	37.84	475.39 N	391.57 E	615.89	39.48	11.41	11.4	1.2
10	MWD	7033.00	39.70	321.70	44	6952.87	64.01	495.99 N	375.00 E	621.80	37.09	12.59	12.5	2.5
11	MWD	7076.00	44.30	321.80	43	6984.82	92.44	518.58 N	357.19 E	629.69	34.56	10.70	10.7	0.2
12	MWD	7119.00	49.50	320.20	43	7014.19	123.52	542.96 N	337.43 E	639.27	31.86	12.39	12.1	-3.7
13	MWD	7163.00	54.70	320.10	44	7041.21	157.96	569.61 N	315.18 E	650.99	28.96	11.82	11.8	-0.2
14	MWD	7206.00	58.40	320.40	43	7064.90	193.54	597.19 N	292.25 E	664.86	26.08	8.62	8.6	0.7
15	MWD	7249.00	62.50	317.50	43	7086.11	230.74	625.37 N	267.68 E	680.25	23.17	11.19	9.5	-6.7
16	MWD	7293.00	67.10	314.60	44	7104.84	270.48	654.01 N	240.04 E	696.67	20.15	12.03	10.5	-6.6
17	MWD	7336.00	71.30	313.10	43	7120.11	310.66	681.85 N	211.06 E	713.76	17.20	10.30	9.8	-3.5
18	MWD	7380.00	75.20	312.60	44	7132.79	352.78	710.49 N	180.17 E	732.98	14.23	8.93	8.9	-1.1
19	MWD	7423.00	78.70	312.90	43	7142.50	394.67	738.92 N	149.42 E	753.88	11.43	8.17	8.1	0.7
20	MWD	7467.00	82.40	313.10	44	7149.72	438.06	768.52 N	117.68 E	777.48	8.71	8.42	8.4	0.5
21	MWD	7510.00	85.00	313.00	43	7154.44	480.80	797.69 N	86.45 E	802.36	6.19	6.05	6.0	-0.2
22	MWD	7553.00	86.90	312.60	43	7157.47	523.69	826.83 N	54.98 E	828.66	3.80	4.51	4.4	-0.9
23	MWD	7597.00	87.70	312.00	44	7159.55	567.64	856.41 N	22.47 E	856.71	1.50	2.27	1.8	-1.4
24	MWD	7640.00	88.40	312.30	43	7161.01	610.61	885.25 N	9.39 W	885.30	359.39	1.77	1.6	0.7
25	MWD	7770.00	91.30	313.30	130	7161.35	740.59	973.57 N	104.76 W	979.19	353.86	2.36	2.2	0.8
26	MWD	7900.00	90.40	313.00	130	7159.42	870.57	1062.47 N	199.59 W	1081.05	349.36	0.73	-0.7	-0.2
27	MWD	7987.00	89.90	312.90	87	7159.19	957.57	1121.75 N	263.27 W	1152.23	346.79	0.59	-0.6	-0.1
28	MWD	8074.00	88.80	311.70	87	7160.18	1044.56	1180.29 N	327.61 W	1224.92	344.49	1.87	-1.3	-1.4
29	MWD	8161.00	89.70	311.80	87	7161.32	1131.53	1238.22 N	392.51 W	1298.94	342.41	1.04	1.0	0.1
30	MWD	8248.00	90.60	312.40	87	7161.09	1218.52	1296.54 N	457.06 W	1374.75	340.58	1.24	1.0	0.7



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 Grid Corr.: _____ Depth Reference Driller
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 Target Info: N/a

No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')
								N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)			
31	MWD	8334.00	90.60	312.30	86	7160.19	1304.51	1354.48 N	520.62 W	1451.09	338.97	0.12	0.0	-0.1
32	MWD	8421.00	89.50	311.30	87	7160.12	1391.49	1412.46 N	585.47 W	1529.00	337.49	1.71	-1.3	-1.1
33	MWD	8508.00	89.80	311.80	87	7160.65	1478.46	1470.17 N	650.58 W	1607.68	336.13	0.67	0.3	0.6
34	MWD	8595.00	89.20	311.70	87	7161.41	1565.43	1528.09 N	715.49 W	1687.30	334.91	0.70	-0.7	-0.1
35	MWD	8682.00	89.70	311.00	87	7162.24	1652.39	1585.57 N	780.79 W	1767.39	333.78	0.99	0.6	-0.8
36	MWD	8769.00	90.20	312.80	87	7162.32	1739.37	1643.67 N	845.54 W	1848.40	332.78	2.15	0.6	2.1
37	MWD	8855.00	92.30	314.20	86	7160.44	1825.34	1702.85 N	907.91 W	1929.76	331.93	2.93	2.4	1.6
38	MWD	8942.00	93.20	314.90	87	7156.27	1912.21	1763.81 N	969.83 W	2012.86	331.20	1.31	1.0	0.8
39	MWD	9029.00	88.80	310.50	87	7154.75	1999.15	1822.77 N	1033.73 W	2095.49	330.44	7.15	-5.1	-5.1
40	MWD	9116.00	89.90	309.80	87	7155.74	2086.03	1878.86 N	1100.23 W	2177.30	329.65	1.50	1.3	-0.8
41	MWD	9202.00	92.20	314.30	86	7154.16	2171.98	1936.43 N	1164.05 W	2259.38	328.99	5.88	2.7	5.2
42	MWD	9289.00	89.40	309.90	87	7152.94	2258.93	1994.73 N	1228.58 W	2342.73	328.37	5.99	-3.2	-5.1
43	MWD	9376.00	92.10	312.30	87	7151.80	2345.86	2051.91 N	1294.12 W	2425.92	327.76	4.15	3.1	2.8
44	MWD	9463.00	89.90	308.40	87	7150.29	2432.73	2108.21 N	1360.40 W	2509.03	327.17	5.15	-2.5	-4.5
45	MWD	9550.00	90.90	309.00	87	7149.68	2519.48	2162.61 N	1428.29 W	2591.70	326.56	1.34	1.1	0.7
46	MWD	9636.00	94.30	311.80	86	7145.78	2605.29	2218.27 N	1493.70 W	2674.30	326.05	5.12	4.0	3.3
47	MWD	9723.00	94.40	314.00	87	7139.18	2692.03	2277.32 N	1557.25 W	2758.84	325.64	2.52	0.1	2.5
48	MWD	9810.00	92.30	314.70	87	7134.09	2778.85	2338.03 N	1619.35 W	2844.06	325.29	2.54	-2.4	0.8
49	MWD	9897.00	90.70	314.50	87	7131.82	2865.78	2399.10 N	1681.27 W	2929.56	324.98	1.85	-1.8	-0.2
50	MWD	9984.00	89.00	313.80	87	7132.04	2952.76	2459.69 N	1743.69 W	3015.05	324.67	2.11	-2.0	-0.8
51	MWD	10070.00	88.80	313.40	86	7133.70	3038.74	2518.99 N	1805.96 W	3099.48	324.36	0.52	-0.2	-0.5
52	MWD	10158.00	90.20	313.30	88	7134.46	3126.73	2579.39 N	1869.95 W	3185.90	324.06	1.59	1.6	-0.1
53	MWD	10244.00	90.20	313.30	86	7134.16	3212.73	2638.37 N	1932.54 W	3270.43	323.78	0.00	0.0	0.0
54	MWD	10331.00	89.20	314.40	87	7134.62	3299.72	2698.64 N	1995.27 W	3356.16	323.52	1.71	-1.1	1.3
55	MWD	10418.00	91.10	314.30	87	7134.39	3386.69	2759.45 N	2057.48 W	3442.07	323.29	2.19	2.2	-0.1
56	MWD	10505.00	90.50	313.90	87	7133.18	3473.67	2819.99 N	2119.95 W	3527.97	323.07	0.83	-0.7	-0.5
57	MWD	10592.00	89.70	313.90	87	7133.02	3560.65	2880.32 N	2182.64 W	3613.88	322.85	0.92	-0.9	0.0
58	MWD	10678.00	89.80	314.00	86	7133.40	3646.64	2940.00 N	2244.56 W	3698.87	322.64	0.16	0.1	0.1
59	MWD	10765.00	89.50	314.00	87	7133.93	3733.63	3000.44 N	2307.14 W	3784.91	322.44	0.34	-0.3	0.0
60	MWD	10852.00	87.80	313.30	87	7135.98	3820.59	3060.47 N	2370.07 W	3870.88	322.25	2.11	-2.0	-0.8

MAR 5 2012



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 Grid Corr.: _____ Depth Reference Driller
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61	MWD	10939.00	86.80	312.10	87	7140.08	3907.49	3119.40 N	2433.93 W	3956.60	322.04	1.79	-1.1	-1.4
62	MWD	11026.00	88.40	311.60	87	7143.72	3994.40	3177.40 N	2498.68 W	4042.18	321.82	1.93	1.8	-0.6
63	MWD	11113.00	91.40	315.10	87	7143.87	4081.37	3237.10 N	2561.93 W	4128.23	321.64	5.30	3.4	4.0
64	MWD	11200.00	90.90	314.60	87	7142.13	4168.31	3298.44 N	2623.59 W	4214.61	321.50	0.81	-0.6	-0.6
65	MWD	11287.00	89.60	314.50	87	7141.75	4255.27	3359.48 N	2685.59 W	4300.99	321.36	1.50	-1.5	-0.1
66	MWD	11373.00	89.80	313.40	86	7142.20	4341.26	3419.16 N	2747.50 W	4386.28	321.22	1.30	0.2	-1.3
67	MWD	11460.00	90.90	312.70	87	7141.67	4428.26	3478.55 N	2811.08 W	4472.41	321.06	1.50	1.3	-0.8
68	MWD	11547.00	90.20	313.10	87	7140.83	4515.25	3537.77 N	2874.80 W	4558.54	320.90	0.93	-0.8	0.5
69	MWD	11634.00	90.60	312.50	87	7140.22	4602.25	3596.88 N	2938.64 W	4644.69	320.75	0.83	0.5	-0.7
70	MWD	11721.00	89.50	312.50	87	7140.15	4689.24	3655.65 N	3002.78 W	4730.80	320.60	1.26	-1.3	0.0
71	MWD	11808.00	90.20	311.10	87	7140.38	4776.22	3713.64 N	3067.63 W	4816.79	320.44	1.80	0.8	-1.6
72	MWD	11895.00	90.50	311.20	87	7139.84	4863.17	3770.89 N	3133.14 W	4902.67	320.28	0.36	0.3	0.1
73	MWD	11982.00	91.00	313.70	87	7138.71	4950.15	3829.60 N	3197.33 W	4988.86	320.14	2.93	0.6	2.9
74	MWD	12069.00	89.80	313.70	87	7138.10	5037.14	3889.70 N	3260.22 W	5075.31	320.03	1.38	-1.4	0.0
75	MWD	12155.00	90.00	315.80	86	7138.25	5123.10	3950.24 N	3321.29 W	5160.95	319.94	2.45	0.2	2.4
76	MWD	12242.00	89.80	319.20	87	7138.40	5209.82	4014.38 N	3380.06 W	5247.86	319.90	3.91	-0.2	3.9
77	MWD	12329.00	90.20	319.90	87	7138.40	5296.25	4080.58 N	3436.51 W	5334.86	319.90	0.93	0.5	0.8
78	MWD	12416.00	91.60	321.00	87	7137.03	5382.50	4147.65 N	3491.89 W	5421.84	319.91	2.05	1.6	1.3
79	MWD	12502.00	90.20	319.10	86	7135.68	5467.83	4213.57 N	3547.11 W	5507.82	319.91	2.74	-1.6	-2.2
80	MWD	12589.00	86.40	314.70	87	7138.26	5554.56	4277.04 N	3606.50 W	5594.63	319.86	6.68	-4.4	-5.1
81	MWD	12676.00	86.00	313.40	87	7144.03	5641.35	4337.39 N	3668.89 W	5681.00	319.77	1.56	-0.5	-1.5
82	MWD	12763.00	86.60	312.70	87	7149.65	5728.17	4396.66 N	3732.33 W	5767.23	319.67	1.06	0.7	-0.8
83	MWD	12850.00	87.70	313.50	87	7153.97	5815.06	4456.03 N	3795.77 W	5853.55	319.57	1.56	1.3	0.9
84	MWD	12892.00	87.90	313.30	42	7155.58	5857.03	4484.87 N	3826.27 W	5895.28	319.53	0.67	0.5	-0.5
85	PTB	12948.00	87.90	313.30	56	7157.64	5912.99	4523.25 N	3866.99 W	5950.92	319.47	0.00	0.0	0.0
86	MWD													
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RECORDED
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