

85.10106



Antero

Ritchie County WV
Eddy Pad
Mulvay Unit 2H
Original Wellpath

Design: As Drilled

EOW Completion Report

17 December, 2014



Scientific Drilling

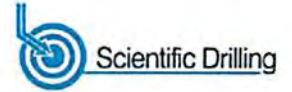
Received
Department of Oil & Gas
SEP 14 2015

10/16/2015



85.10106

EOW Completion Report



Company:	Antero	Local Co-ordinate Reference:	Well Mulvay Unit 2H
Project:	Ritchie County WV	TVD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Site:	Eddy Pad	MD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Well:	Mulvay Unit 2H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Oklahoma District

Project	Ritchie County WV, Ritchie County WV, WV North		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Zone 17N (84 W to 78 W)		

Site	Eddy Pad		
Site Position:		Northing:	14,283,550.70 usft
From:	Map	Easting:	1,662,998.99 usft
Position Uncertainty:	2.0 usft	Slot Radius:	13-3/16"
		Latitude:	39° 20' 2.355 N
		Longitude:	80° 55' 12.490 W
		Grid Convergence:	0.05 °

Well	Mulvay Unit 2H, Marcellus		
Well Position	+N/-S	0.0 usft	Northing: 14,283,543.08 usft
	+E/-W	0.0 usft	Easting: 1,663,021.11 usft
Position Uncertainty	2.0 usft	Wellhead Elevation:	992.0 usft
		Latitude:	39° 20' 2.279 N
		Longitude:	80° 55' 12.208 W
		Ground Level:	968.0 usft

Wellbore	Original Wellpath		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2014	11/6/2014	-8.40	66.89	52,248

Design	As Drilled		
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Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
		0.0	0.0	0.0
				Direction (°) 158.13

Survey Program	Date	12/17/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	6,075.9	Survey #5 Def Gyro to KOP (Original Well)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
6,174.0	15,400.0	Survey #4 SDI MWD (Original Wellpath)	SDI MWD	Scientific Drilling Intl. MWD - Standard ver 1.0.1

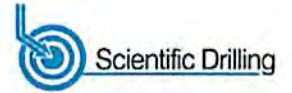
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	DLeg (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00
100.0	0.50	313.31	100.0	0.3	-0.3	-0.4	0.50
200.0	0.08	154.77	200.0	0.5	-0.6	-0.7	0.58
300.0	0.19	268.77	300.0	0.5	-0.7	-0.7	0.23
400.0	0.26	276.41	400.0	0.5	-1.1	-0.9	0.08
500.0	0.71	284.23	500.0	0.7	-2.0	-1.3	0.45
600.0	1.11	295.12	600.0	1.2	-3.4	-2.1	0.43
700.0	3.80	288.74	699.9	2.7	-7.5	-5.3	2.70
800.0	4.73	288.79	799.6	5.1	-14.5	-10.1	0.93
900.0	5.62	291.98	899.2	8.3	-22.9	-16.2	0.94
1,000.0	5.89	293.62	998.7	12.1	-32.2	-23.3	0.32

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EOW Completion Report



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Site:	Eddy Pad	MD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Well:	Mulvay Unit 2H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Oklahoma District

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)		
1,100.0	4.38	291.50	1,098.3	15.6	-40.4	-29.5	1.52		
1,200.0	2.51	288.45	1,198.1	17.7	-46.1	-33.6	1.88		
1,300.0	1.64	293.85	1,298.0	19.0	-49.5	-36.0	0.89		
1,400.0	0.79	292.23	1,398.0	19.8	-51.4	-37.5	0.85		
1,500.0	0.45	292.49	1,498.0	20.2	-52.4	-38.3	0.34		
1,600.0	0.39	309.39	1,598.0	20.6	-53.0	-38.9	0.14		
1,700.0	0.31	334.85	1,698.0	21.0	-53.4	-39.4	0.17		
1,800.0	0.25	324.09	1,798.0	21.5	-53.6	-39.9	0.08		
1,900.0	0.22	353.45	1,898.0	21.8	-53.8	-40.3	0.12		
2,000.0	0.06	122.03	1,998.0	22.0	-53.8	-40.4	0.26		
2,100.0	0.06	53.05	2,098.0	22.0	-53.7	-40.4	0.07		
2,200.0	0.07	213.44	2,198.0	22.0	-53.7	-40.4	0.13		
2,300.0	0.03	96.83	2,298.0	21.9	-53.7	-40.3	0.09		
2,400.0	0.06	309.44	2,398.0	22.0	-53.7	-40.4	0.09		
2,500.0	0.12	92.56	2,498.0	22.0	-53.6	-40.4	0.17		
2,600.0	0.13	128.67	2,598.0	21.9	-53.4	-40.2	0.08		
2,700.0	3.05	49.71	2,697.9	23.6	-51.3	-41.0	3.03		
2,800.0	6.34	29.46	2,797.6	30.1	-46.6	-45.3	3.63		
2,900.0	5.83	30.06	2,897.0	39.3	-41.3	-51.9	0.51		
3,000.0	8.49	50.26	2,996.3	48.4	-33.1	-57.3	3.62		
3,100.0	10.52	53.70	3,094.9	58.5	-20.1	-61.8	2.11		
3,200.0	11.68	44.16	3,193.0	71.2	-5.6	-68.2	2.17		
3,300.0	13.57	36.62	3,290.6	87.9	8.4	-78.4	2.50		
3,400.0	16.99	37.85	3,387.1	108.8	24.4	-91.9	3.44		
3,500.0	19.80	49.90	3,482.0	131.3	46.3	-104.6	4.71		
3,600.0	23.33	60.69	3,575.0	151.9	76.5	-112.5	5.30		
3,700.0	26.74	58.48	3,665.6	173.4	113.0	-118.8	3.54		
3,800.0	30.10	57.08	3,753.5	198.8	153.2	-127.4	3.43		
3,900.0	33.20	57.19	3,838.6	227.2	197.3	-137.4	3.10		
4,000.0	34.82	57.05	3,921.5	257.6	244.3	-148.1	1.62		
4,074.0	35.14	55.88	3,982.2	281.1	279.6	-156.7	1.00		
BLTN									
4,100.0	35.26	55.48	4,003.4	289.5	292.0	-159.9	1.00		
4,200.0	34.59	55.53	4,085.4	321.9	339.2	-172.4	0.67		
4,300.0	32.67	56.01	4,168.7	353.1	385.0	-184.3	1.94		
4,400.0	30.70	55.77	4,253.8	382.5	428.5	-195.4	1.97		
4,500.0	29.66	54.70	4,340.2	411.2	469.8	-206.6	1.97		
4,600.0	30.20	54.33	4,426.9	440.2	510.4	-218.9	0.57		
4,651.0	31.68	53.27	4,470.6	455.6	531.6	-224.8	0.09		
BDFD									
4,700.0	33.11	52.33	4,512.0	471.5	552.5	-231.8	3.09		
4,800.0	30.01	53.07	4,597.2	503.2	594.1	-245.7	3.12		
4,900.0	28.13	56.29	4,684.6	531.4	633.7	-257.1	2.45		
5,000.0	30.29	54.82	4,771.9	559.0	673.9	-267.7	2.28		

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EOW Completion Report



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Site: Eddy Pad	MD Reference: Frontier 25: GL 968' + KB 24' @ 992.0usft
Well: Mulvay Unit 2H	North Reference: Grid
Wellbore: Original Wellpath	Survey Calculation Method: Minimum Curvature
Design: As Drilled	Database: Oklahoma District

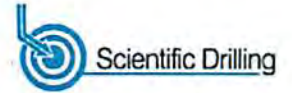
Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	
5,092.0	33.76	51.88	4,849.9	588.1	713.0	-280.2	4.13	
BNSN								
5,100.0	34.06	51.65	4,856.5	590.9	716.5	-281.5	4.13	
5,200.0	35.21	56.20	4,938.8	624.3	762.4	-295.4	2.83	
5,300.0	30.23	57.95	5,022.9	653.7	807.8	-305.8	5.07	
5,400.0	32.30	55.09	5,108.4	682.4	851.0	-316.3	2.55	
5,500.0	35.70	53.61	5,191.3	715.0	896.4	-329.6	3.50	
5,600.0	37.85	53.91	5,271.4	750.4	944.7	-344.5	2.16	
5,700.0	38.92	54.61	5,349.7	786.6	995.1	-359.3	1.15	
5,800.0	37.73	56.10	5,428.2	821.9	1,046.1	-373.1	1.51	
5,900.0	37.09	57.61	5,507.6	855.1	1,097.0	-384.9	1.12	
6,000.0	37.31	57.67	5,587.3	887.5	1,148.1	-396.0	0.22	
6,075.9	34.44	53.03	5,648.8	912.7	1,184.6	-405.7	5.21	
6,174.0	33.06	60.54	5,730.4	942.6	1,230.1	-416.5	4.48	
6,206.0	32.80	63.44	5,757.2	950.7	1,245.5	-418.4	4.99	
6,237.0	33.94	69.33	5,783.1	957.5	1,261.1	-418.9	11.07	
6,269.0	35.17	75.93	5,809.5	962.9	1,278.4	-417.4	12.31	
6,301.0	35.79	81.64	5,835.6	966.5	1,296.6	-414.0	10.53	
6,332.0	37.46	84.89	5,860.5	968.7	1,315.0	-409.1	8.25	
6,364.0	37.90	88.32	5,885.8	969.8	1,334.5	-402.9	6.69	
6,395.0	37.64	89.90	5,910.3	970.1	1,353.5	-396.2	3.23	
6,427.0	38.16	91.13	5,935.5	970.0	1,373.1	-388.7	2.87	
6,459.0	37.55	91.92	5,960.8	969.4	1,392.8	-380.9	2.43	
6,491.0	37.55	94.73	5,986.2	968.3	1,412.2	-372.6	5.35	
6,523.0	38.08	100.53	6,011.5	965.7	1,431.6	-362.9	11.23	
6,550.0	37.70	103.34	6,032.8	962.3	1,447.9	-353.7	6.55	
SCMR								
6,555.0	37.64	103.87	6,036.7	961.6	1,450.8	-351.9	6.55	
6,586.0	37.46	107.21	6,061.3	956.5	1,469.0	-340.4	6.59	
6,618.0	38.95	113.10	6,086.5	949.7	1,487.6	-327.2	12.29	
6,649.0	40.36	118.38	6,110.3	941.1	1,505.4	-312.6	11.78	
6,681.0	41.59	122.07	6,134.5	930.5	1,523.5	-296.0	8.48	
6,692.0	42.64	122.98	6,142.7	926.5	1,529.7	-290.0	11.06	
MDLX								
6,713.0	44.67	124.62	6,157.9	918.5	1,541.8	-278.1	11.06	
6,744.0	48.10	127.17	6,179.2	905.3	1,559.9	-259.1	12.56	
6,776.0	52.14	128.48	6,199.8	890.2	1,579.3	-237.9	13.01	
6,807.0	54.69	131.82	6,218.2	874.2	1,598.3	-212.2	11.94	
6,839.0	56.72	135.69	6,236.3	855.9	1,617.4	-191.8	11.83	
6,865.0	59.52	138.43	6,250.0	839.7	1,632.4	-171.2	13.99	
BRKT								
6,870.0	60.06	138.94	6,252.5	836.5	1,635.3	-167.1	13.99	
6,902.0	63.66	141.14	6,267.6	814.9	1,653.4	-140.3	12.78	
6,934.0	66.74	143.78	6,281.0	791.8	1,671.1	-112.4	12.19	
6,966.0	69.03	147.29	6,293.1	767.4	1,687.9	-83.4	12.43	

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EOW Completion Report



Company:	Antero	Local Co-ordinate Reference:	Well Mulvay Unit 2H
Project:	Ritchie County WV	TVD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Site:	Eddy Pad	MD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Well:	Mulvay Unit 2H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Oklahoma District

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (*/100usft)
6,998.0	71.23	151.07	6,304.0	741.6	1,703.3	-53.7	13.06
7,006.0	71.93	151.64	6,306.5	734.9	1,706.9	-46.2	11.08
MRCL_HOT							
7,029.0	73.95	153.27	6,313.2	715.4	1,717.1	-24.3	11.08
7,061.0	77.73	155.03	6,321.1	687.5	1,730.6	6.7	12.96
7,093.0	82.48	156.34	6,326.6	658.8	1,743.6	38.1	15.38
7,125.0	85.77	156.95	6,329.8	629.5	1,756.2	70.0	10.45
7,166.0	88.99	159.16	6,331.7	591.6	1,771.5	110.9	9.52
7,203.0	89.34	159.77	6,332.2	556.9	1,784.5	147.9	1.90
7,298.0	89.25	158.81	6,333.4	468.1	1,818.1	242.9	1.01
7,393.0	90.04	157.66	6,334.0	379.8	1,853.3	337.9	1.47
7,489.0	89.69	157.05	6,334.2	291.2	1,890.3	433.8	0.73
7,585.0	90.92	156.96	6,333.7	202.9	1,927.8	529.8	1.28
7,680.0	89.96	154.67	6,333.0	116.2	1,966.7	624.7	2.61
7,775.0	90.40	156.70	6,332.7	29.6	2,005.8	719.6	2.19
7,871.0	91.45	160.74	6,331.1	-59.8	2,040.6	815.6	4.35
7,964.0	90.92	160.65	6,329.2	-147.5	2,071.3	908.5	0.58
8,060.0	91.54	161.18	6,327.2	-238.2	2,102.7	1,004.4	0.85
8,155.0	89.96	159.77	6,325.9	-327.8	2,134.5	1,099.3	2.23
8,250.0	89.96	160.21	6,326.0	-417.0	2,167.0	1,194.2	0.46
8,345.0	89.60	158.81	6,326.3	-506.0	2,200.2	1,289.2	1.52
8,440.0	90.31	157.49	6,326.4	-594.2	2,235.6	1,384.2	1.58
8,535.0	89.87	156.52	6,326.3	-681.6	2,272.7	1,479.2	1.12
8,629.0	90.40	159.07	6,326.0	-768.6	2,308.2	1,573.1	2.77
8,725.0	90.22	159.77	6,325.5	-858.5	2,342.0	1,669.1	0.75
8,821.0	90.31	159.42	6,325.1	-948.5	2,375.4	1,765.1	0.38
8,915.0	90.13	159.60	6,324.7	-1,036.5	2,408.3	1,859.1	0.27
9,009.0	90.04	158.10	6,324.6	-1,124.2	2,442.3	1,953.1	1.60
9,104.0	90.75	158.45	6,323.9	-1,212.5	2,477.4	2,048.0	0.83
9,198.0	88.93	155.06	6,324.2	-1,298.8	2,514.5	2,142.0	4.09
9,292.0	88.72	155.03	6,326.1	-1,384.0	2,554.2	2,235.8	0.23
9,387.0	90.40	158.01	6,326.8	-1,471.1	2,592.0	2,330.8	3.60
9,482.0	90.04	158.98	6,326.5	-1,559.5	2,626.8	2,425.8	1.09
9,576.0	89.69	158.28	6,326.7	-1,647.1	2,661.1	2,519.8	0.83
9,671.0	90.92	158.63	6,326.2	-1,735.4	2,696.0	2,614.8	0.39
9,765.0	91.28	158.72	6,324.4	-1,823.0	2,730.1	2,708.8	1.10
9,859.0	90.31	159.07	6,323.1	-1,910.7	2,764.0	2,802.7	0.95
9,953.0	89.69	158.45	6,323.1	-1,998.3	2,798.0	2,896.7	0.59
10,047.0	89.16	158.28	6,324.0	-2,085.6	2,832.7	2,990.7	1.21
10,142.0	90.22	158.72	6,324.5	-2,174.0	2,867.5	3,085.7	0.34
10,236.0	90.40	158.98	6,324.0	-2,261.7	2,901.4	3,179.7	0.21
10,326.0	90.57	159.07	6,323.3	-2,345.7	2,933.6	3,269.7	2.77
10,416.0	88.99	157.14	6,323.6	-2,429.2	2,967.2	3,359.7	0.35
10,507.0	88.81	157.40	6,325.4	-2,513.1	3,002.4	3,450.7	

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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)
10,598.0	89.43	157.49	6,326.8	-2,597.2	3,037.3	3,541.6	0.69
10,687.0	89.96	157.75	6,327.2	-2,679.5	3,071.1	3,630.6	0.66
10,779.0	89.78	158.28	6,327.4	-2,764.8	3,105.6	3,722.6	0.61
10,869.0	90.04	157.75	6,327.6	-2,848.2	3,139.3	3,812.6	0.66
10,959.0	89.78	157.14	6,327.7	-2,931.3	3,173.8	3,902.6	0.74
11,049.0	88.90	155.55	6,328.8	-3,013.8	3,209.9	3,992.6	2.02
11,139.0	89.25	157.66	6,330.2	-3,096.4	3,245.6	4,082.5	2.38
11,229.0	89.43	158.45	6,331.3	-3,179.8	3,279.3	4,172.5	0.90
11,320.0	91.19	158.89	6,330.8	-3,264.6	3,312.4	4,263.5	1.99
11,415.0	91.28	159.25	6,328.7	-3,353.3	3,346.3	4,358.5	0.39
11,507.0	90.92	157.93	6,326.9	-3,438.9	3,379.9	4,450.5	1.49
11,600.0	90.84	157.66	6,325.5	-3,525.0	3,415.0	4,543.4	0.30
11,694.0	89.43	158.28	6,325.3	-3,612.2	3,450.3	4,637.4	1.64
11,788.0	89.34	158.81	6,326.3	-3,699.7	3,484.7	4,731.4	0.57
11,882.0	90.75	159.95	6,326.2	-3,787.6	3,517.8	4,825.4	1.93
11,976.0	89.96	158.98	6,325.7	-3,875.6	3,550.7	4,919.4	1.33
12,070.0	90.31	158.28	6,325.4	-3,963.2	3,585.0	5,013.4	0.83
12,165.0	91.01	158.72	6,324.3	-4,051.6	3,619.8	5,108.4	0.87
12,259.0	90.48	157.58	6,323.1	-4,138.8	3,654.8	5,202.4	1.34
12,353.0	89.96	158.28	6,322.8	-4,225.9	3,690.1	5,296.4	0.93
12,447.0	90.31	158.37	6,322.5	-4,313.3	3,724.8	5,390.4	0.38
12,541.0	88.81	157.40	6,323.3	-4,400.3	3,760.2	5,484.3	1.90
12,635.0	89.87	160.21	6,324.3	-4,488.0	3,794.2	5,578.3	3.19
12,730.0	91.71	162.85	6,323.0	-4,578.1	3,824.3	5,673.1	3.39
12,824.0	90.13	158.98	6,321.5	-4,666.9	3,855.0	5,767.0	4.45
12,918.0	88.90	157.05	6,322.3	-4,754.0	3,890.2	5,861.0	2.43
13,012.0	88.55	155.64	6,324.4	-4,840.1	3,927.9	5,954.9	1.55
13,106.0	88.46	155.64	6,326.9	-4,925.7	3,966.6	6,048.8	0.10
13,200.0	89.87	156.26	6,328.2	-5,011.5	4,004.9	6,142.7	1.64
13,294.0	90.84	157.05	6,327.6	-5,097.8	4,042.2	6,236.7	1.33
13,388.0	90.92	156.78	6,326.2	-5,184.3	4,079.0	6,330.6	0.30
13,482.0	90.31	156.26	6,325.2	-5,270.5	4,116.5	6,424.6	0.85
13,577.0	90.92	156.43	6,324.2	-5,357.5	4,154.6	6,519.5	0.67
13,671.0	90.66	157.58	6,322.9	-5,444.0	4,191.3	6,613.5	1.25
13,765.0	90.20	158.83	6,322.2	-5,531.3	4,226.2	6,707.5	1.42
13,859.0	90.66	158.89	6,321.5	-5,619.0	4,260.1	6,801.5	0.49
13,953.0	91.01	158.81	6,320.1	-5,706.6	4,294.0	6,895.5	0.38
14,047.0	90.04	158.89	6,319.2	-5,794.3	4,328.0	6,989.5	1.04
14,141.0	90.40	158.45	6,318.9	-5,881.9	4,362.1	7,083.5	0.60
14,237.0	89.46	158.64	6,319.0	-5,971.2	4,397.3	7,179.5	1.00
14,331.0	89.34	157.93	6,320.0	-6,058.5	4,432.0	7,273.5	0.77
14,427.0	89.87	157.58	6,320.6	-6,147.4	4,468.4	7,369.4	0.66
14,522.0	88.90	157.58	6,321.7	-6,235.2	4,504.6	7,464.4	1.02
14,617.0	89.16	157.75	6,323.3	-6,323.1	4,540.7	7,559.4	0.33

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Company:	Antero	Local Co-ordinate Reference:	Well Mulvay Unit 2H
Project:	Ritchie County WV	TVD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Site:	Eddy Pad	MD Reference:	Frontier 25: GL 968' + KB 24' @ 992.0usft
Well:	Mulvay Unit 2H	North Reference:	Grid
Wellbore:	Original Wellpath	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Oklahoma District

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	V. Sec (usft)	DLeg (°/100usft)
14,712.0	90.13	157.05	6,323.9	-6,410.8	4,577.2	7,654.4	1.26
14,807.0	89.96	158.72	6,323.8	-6,498.8	4,613.0	7,749.4	1.77
14,901.0	89.52	159.07	6,324.2	-6,586.5	4,646.8	7,843.4	0.60
14,996.0	89.34	158.98	6,325.2	-6,675.2	4,680.8	7,938.4	0.21
15,090.0	88.64	158.54	6,326.8	-6,762.8	4,714.9	8,032.4	0.88
15,184.0	88.99	157.93	6,328.8	-6,850.0	4,749.7	8,126.3	0.75
15,279.0	89.60	158.01	6,329.9	-6,938.1	4,785.4	8,221.3	0.65
15,341.0	90.27	157.70	6,330.0	-6,995.5	4,808.7	8,283.3	1.19
15,400.0	90.27	157.70	6,329.7	-7,050.1	4,831.1	8,342.3	0.00

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
4,074.0	3,982.2	281.1	279.6	BLTN
4,651.0	4,470.6	455.6	531.6	BDFD
5,092.0	4,849.9	588.1	713.0	BNSN
6,550.0	6,032.8	962.3	1,447.9	SCMR
6,692.0	6,142.7	926.5	1,529.7	MDLX
6,865.0	6,250.0	839.7	1,632.4	BRKT
7,006.0	6,306.5	734.9	1,706.9	MRCL_HOT

Checked By: _____ Approved By: _____ Date: _____

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