



<b>Field:</b>	
Map Units:	usFt
Vertical Reference Datum (VRD):	Mean Sea Level
Projected Coordinate System:	Zone 17N (84 W to 78 W)

<b>Section:</b>		
Company Name:	Southwestern Energy Company	
Units:	Feet	
TVD Reference:	Rotary Table	
<b>Position:</b>		
	<b>Northing:</b>	14,523,604.066
	<b>Easting:</b>	1,742,470.106
<b>North Reference:</b>	Grid	<b>Grid Cor</b>
<b>Comment :</b>		

<b>Slot:</b>			
<b>Position (Relative to SW Corner Of Section)</b>			
N/S	24.064	<b>Northing:</b>	14,523,628.130
E/W	-2.311	<b>Easting:</b>	1,742,467.795
<b>Ground Level Elevation (usft):</b>	<b>Ground Level:</b>		
<b>Comment :</b>			

<b>Well:</b>			
<b>Type:</b>	Main well		
<b>KB Elevation</b>	RKB @ 875.00usft (SDC 41)		
<b>Closure Distance:</b>	9893.59	<b>Closure Azimut</b>	
<b>Comment:</b>			

<b>Vertical Section:</b>			
<b>Position of Origin (Relative to Slot centre)</b>	N/S	<b>RECEIVED</b>	
<b>Vertical Section Azimuth:</b>	156.64	<b>Office of Oil and Gas</b>	

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**Survey**

Name	Definitive Survey	Company	SWN
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**Magnetic Parameters:**

Model:	BGGM2014	Field Strength:	52,449	Declination:	-8.71	Dip:
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**Survey Tool Ranges:**

Survey Tool	Start MD ( ft )	End MD ( ft )
NS-GYRO-MS	26.00	320.00
MWD	350.00	5371.00
MWD	5496.00	16416.00

**Survey Points: (Relative to Slot Centre, TVD Relative to Slot TVD Reference)**

MD (Ft)	Inc	Az	TVD (Ft)	+N/-S (Ft)	+E/-W (Ft)	V Sec (Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00
26.00	0.00	155.56	26.00	0.00	0.00	0.00
30.00	0.30	155.88	30.00	-0.01	0.00	0.01
60.00	0.47	154.19	60.00	-0.19	0.09	0.21
90.00	0.50	158.30	90.00	-0.42	0.19	0.47
120.00	0.50	151.42	120.00	-0.66	0.30	0.73
150.00	0.70	165.56	150.00	-0.95	0.41	1.04
180.00	0.60	173.96	179.99	-1.29	0.47	1.37
210.00	0.38	168.52	209.99	-1.54	0.51	1.62
240.00	0.40	147.95	239.99	-1.73	0.59	1.82
270.00	0.43	166.73	269.99	-1.93	0.67	2.03
300.00	0.49	176.35	299.99	-2.16	0.70	2.26
320.00	0.50	187.93	319.99	-2.33	0.69	2.42
350.00	0.45	188.42	349.99	-2.58	0.66	2.63
445.00	0.30	204.33	444.99	-3.18	0.50	3.12
540.00	0.17	178.89	539.99	-3.54	0.40	3.41
635.00	0.22	219.55	634.98	-3.83	0.29	3.63
729.00	0.42	199.03	728.98	-4.29	0.06	3.96
825.00	0.35	238.19	824.98	-4.78	-0.30	4.27
920.00	0.57	221.16	919.98	-5.29	-0.86	4.51
1015.00	0.59	241.77	1014.97	-5.87	-1.60	4.76
1109.00	0.78	229.56	1108.97	-6.52	-2.52	4.99
1204.00	0.74	245.83	1203.96	-7.19	-3.57	5.18
1299.00	0.77	246.10	1298.95	-7.70	-4.71	5.20
1394.00	0.97	245.41	1393.94	-8.29	-6.03	5.22
1490.00	1.14	249.01	1489.92	-8.97	-7.66	5.20
1585.00	1.17	242.71	1584.90	-9.75	-9.40	5.23
1669.00	0.74	222.65	1668.89	-10.55	-10.53	5.51
1764.00	0.15	193.33	1763.89	-11.12	-10.97	5.86
1795.00	0.07	345.50	1794.89	-11.14	-10.99	5.87

1827.00	0.46	17.81	1826.89	-11.00	-10.95	5.75
1859.00	1.06	11.96	1858.89	-10.59	-10.85	5.42
1890.00	1.28	16.83	1889.88	-9.97	-10.69	4.92
1922.00	1.76	15.68	1921.87	-9.16	-10.46	4.26
1954.00	1.90	14.34	1953.85	-8.17	-10.19	3.46
2049.00	2.14	19.04	2048.79	-4.97	-9.22	0.91
2144.00	2.12	26.33	2143.73	-1.72	-7.87	-1.54
2239.00	1.44	7.43	2238.68	1.04	-6.93	-3.70
2333.00	1.26	9.86	2332.66	3.23	-6.60	-5.58
2428.00	1.29	0.37	2427.63	5.33	-6.42	-7.44
2523.00	1.07	352.01	2522.61	7.28	-6.53	-9.27
2618.00	1.02	1.51	2617.60	9.00	-6.63	-10.89
2713.00	0.98	357.45	2712.58	10.66	-6.65	-12.42
2808.00	1.18	6.69	2807.56	12.44	-6.57	-14.02
2903.00	0.19	345.75	2902.56	13.56	-6.50	-15.03
2998.00	0.07	269.81	2997.56	13.72	-6.59	-15.21
3092.00	0.20	261.00	3091.56	13.69	-6.81	-15.27
3187.00	0.20	297.17	3186.56	13.74	-7.12	-15.44
3282.00	0.00	351.66	3281.56	13.82	-7.27	-15.57
3377.00	0.77	223.08	3376.55	13.35	-7.71	-15.31
3471.00	0.31	55.26	3470.55	13.03	-7.93	-15.11
3567.00	0.66	38.35	3566.55	13.61	-7.37	-15.42
3662.00	0.69	46.11	3661.54	14.44	-6.62	-15.88
3757.00	0.62	85.59	3756.53	14.88	-5.70	-15.92
3853.00	0.61	217.87	3852.53	14.51	-5.49	-15.50
3947.00	0.65	149.16	3946.53	13.66	-5.53	-14.73
4043.00	0.47	166.14	4042.52	12.81	-5.15	-13.80
4137.00	0.51	127.82	4136.52	12.18	-4.73	-13.06
4232.00	0.33	99.68	4231.52	11.87	-4.13	-12.54
4327.00	1.22	81.16	4326.51	11.98	-2.86	-12.13
4422.00	3.10	90.26	4421.44	12.13	0.71	-10.85
4517.00	5.10	97.53	4516.19	11.56	7.47	-7.65
4611.00	6.27	89.60	4609.73	11.05	16.74	-3.51
4706.00	7.36	85.24	4704.05	11.59	27.99	0.46
4801.00	8.06	88.63	4798.20	12.26	40.72	4.89
4896.00	8.80	96.97	4892.17	11.53	54.59	11.06
4991.00	10.01	92.02	4985.89	10.36	70.05	18.27
5086.00	11.19	88.49	5079.27	10.31	87.52	25.24
5181.00	11.72	90.87	5172.38	10.41	106.38	32.63
5276.00	12.12	92.45	5265.33	9.84	125.99	40.93
5371.00	13.35	96.94	5358.00	8.08	146.85	50.80
5496.00	14.55	98.67	5479.31	3.97	176.70	66.41
5532.00	16.88	99.90	5513.96	2.39	186.32	71.68
5579.00	20.08	101.49	5558.53	-0.39	200.95	80.03

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5626.00	23.10	99.86	5602.23	-3.58	217.94	89.70
5673.00	27.99	97.49	5644.62	-6.59	237.98	100.41
5722.00	32.52	97.96	5686.94	-9.92	262.43	113.16
5771.00	36.82	97.79	5727.23	-13.73	290.04	127.61
5817.00	41.53	98.19	5762.88	-17.78	318.80	142.73
5866.00	46.86	98.52	5798.00	-22.74	352.59	160.68
5911.00	50.99	98.39	5827.56	-27.73	386.13	178.56
5958.00	53.57	98.11	5856.31	-33.06	422.92	198.04
6006.00	56.52	97.72	5883.81	-38.48	461.89	218.46
6059.00	60.88	96.97	5911.34	-44.26	506.79	241.58
6102.00	63.21	97.03	5931.49	-48.89	544.49	260.77
6150.00	68.32	96.02	5951.19	-53.85	587.96	282.57
6196.00	71.91	95.76	5966.83	-58.29	630.98	303.70
6242.00	75.12	95.79	5979.88	-62.73	674.86	325.17
6292.00	78.54	96.44	5991.27	-67.91	723.26	349.12
6338.00	81.38	96.07	5999.29	-72.85	768.28	371.50
6387.00	84.95	95.53	6005.12	-77.76	816.68	395.21
6435.00	87.63	94.22	6008.23	-81.83	864.40	417.86
6482.00	90.12	92.87	6009.15	-84.74	911.29	439.12
6577.00	89.97	93.68	6009.08	-90.16	1006.14	481.71
6672.00	90.03	95.77	6009.08	-97.99	1100.81	526.43
6768.00	90.03	95.12	6009.03	-107.10	1196.38	572.69
6862.00	90.09	95.17	6008.93	-115.53	1290.00	617.55
6958.00	89.42	97.23	6009.34	-125.89	1385.43	664.91
7052.00	89.45	97.24	6010.27	-137.73	1478.68	712.75
7147.00	89.38	94.88	6011.24	-147.76	1573.13	759.41
7242.00	89.38	93.45	6012.26	-154.66	1667.87	803.31
7337.00	89.08	93.39	6013.54	-160.33	1762.70	846.11
7432.00	89.05	94.92	6015.09	-167.21	1857.43	889.99
7527.00	89.02	100.10	6016.69	-179.62	1951.57	938.71
7622.00	89.02	104.88	6018.32	-200.15	2044.28	994.32
7717.00	89.08	108.55	6019.89	-227.47	2135.24	1055.46
7812.00	89.54	111.89	6021.04	-260.30	2224.37	1120.94
7907.00	89.42	117.85	6021.90	-300.23	2310.51	1191.76
8002.00	89.35	117.86	6022.92	-344.62	2394.50	1265.80
8097.00	89.38	118.95	6023.97	-389.80	2478.06	1340.42
8192.00	89.32	124.08	6025.05	-439.44	2559.01	1418.09
8287.00	89.42	129.73	6026.10	-496.46	2634.94	1500.54
8383.00	89.45	136.77	6027.05	-562.20	2704.82	1588.59
8478.00	89.45	141.63	6027.96	-634.08	2766.87	1679.19
8573.00	89.42	145.75	6028.89	-710.62	2823.11	1771.75
8668.00	89.38	146.79	6029.89	-789.62	2875.86	1852.00
8763.00	89.45	146.26	6030.86	-868.86	2937.71	1932.81
8858.00	89.45	151.54	6031.77	-950.17	2977.31	2052.81

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8953.00	89.91	157.90	6032.30	-1036.03	3017.86	2147.71
9049.00	89.94	157.71	6032.43	-1124.91	3054.12	2243.69
9143.00	89.91	156.40	6032.55	-1211.47	3090.77	2337.68
9238.00	89.94	157.70	6032.68	-1298.95	3127.81	2432.68
9333.00	89.85	157.09	6032.85	-1386.65	3164.32	2527.67
9427.00	89.94	155.55	6033.02	-1472.74	3202.07	2621.66
9522.00	89.91	155.47	6033.15	-1559.19	3241.46	2716.65
9617.00	90.00	153.98	6033.22	-1645.09	3282.02	2811.59
9712.00	89.54	153.72	6033.60	-1730.37	3323.88	2906.48
9806.00	89.54	155.51	6034.36	-1815.29	3364.18	3000.41
9901.00	89.17	158.21	6035.43	-1902.63	3401.51	3095.40
9995.00	89.20	158.66	6036.76	-1990.04	3436.05	3189.34
10090.00	89.14	157.44	6038.14	-2078.14	3471.56	3284.30
10186.00	89.20	158.42	6039.53	-2167.10	3507.63	3380.26
10281.00	89.17	158.00	6040.88	-2255.30	3542.89	3475.22
10377.00	89.17	157.82	6042.27	-2344.25	3578.98	3571.18
10470.00	89.23	156.10	6043.57	-2429.82	3615.38	3664.17
10565.00	89.20	154.30	6044.87	-2516.04	3655.22	3759.13
10660.00	89.20	154.37	6046.20	-2601.66	3696.36	3854.04
10755.00	89.20	155.04	6047.53	-2687.54	3736.95	3948.98
10849.00	89.17	156.78	6048.86	-2773.35	3775.31	4042.96
10944.00	89.20	157.81	6050.21	-2860.97	3811.98	4137.94
11036.00	89.20	162.34	6051.50	-2947.44	3843.32	4229.74
11128.00	89.14	157.34	6052.83	-3033.76	3875.01	4321.56
11219.00	89.20	155.81	6054.15	-3117.25	3911.18	4412.55
11311.00	89.17	152.91	6055.46	-3200.17	3950.98	4504.45
11402.00	89.23	156.02	6056.73	-3282.27	3990.20	4595.37
11495.00	89.20	157.04	6058.01	-3367.56	4027.24	4688.36
11587.00	89.14	157.59	6059.34	-3452.44	4062.72	4780.34
11678.00	89.17	157.39	6060.68	-3536.50	4097.55	4871.32
11770.00	89.14	156.66	6062.04	-3621.19	4133.46	4963.31
11862.00	89.20	155.15	6063.37	-3705.16	4171.01	5055.29
11954.00	89.48	153.55	6064.43	-3788.09	4210.83	5147.21
12045.00	89.57	152.37	6065.18	-3869.13	4252.20	5238.02
12137.00	89.72	154.23	6065.75	-3951.32	4293.53	5329.85
12229.00	89.69	155.73	6066.23	-4034.68	4332.44	5421.81
12320.00	89.63	159.00	6066.77	-4118.66	4367.46	5512.79
12412.00	89.63	161.48	6067.36	-4205.24	4398.56	5604.60
12503.00	89.78	159.22	6067.83	-4290.93	4429.16	5695.40
12598.00	89.78	158.88	6068.20	-4379.65	4463.12	5790.32
12693.00	89.91	158.92	6068.45	-4468.28	4497.32	5885.24
12787.00	89.82	155.47	6068.67	-4554.92	4532.75	5979.22
12882.00	89.82	153.34	6068.97	-4640.59	4574.79	6074.14
12977.00	89.82	156.78	6069.27	-4726.72	4614.84	6169.09

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13072.00	89.82	156.18	6069.57	-4813.82	4652.75	6264.09
13167.00	89.85	156.71	6069.84	-4900.91	4690.72	6359.09
13261.00	89.82	156.09	6070.11	-4987.04	4728.35	6453.09
13356.00	89.72	155.99	6070.50	-5073.86	4766.93	6548.08
13451.00	89.20	156.07	6071.39	-5160.66	4805.52	6643.07
13546.00	89.14	155.96	6072.77	-5247.45	4844.14	6738.06
13641.00	89.26	154.26	6074.09	-5333.61	4884.11	6833.01
13735.00	89.20	155.97	6075.36	-5418.87	4923.66	6926.97
13830.00	89.14	156.61	6076.73	-5505.85	4961.86	7021.95
13925.00	89.57	156.92	6077.80	-5593.14	4999.34	7116.95
14020.00	89.54	157.24	6078.54	-5680.63	5036.33	7211.94
14115.00	89.57	156.92	6079.28	-5768.13	5073.33	7306.94
14210.00	89.72	159.11	6079.87	-5856.21	5108.89	7401.90
14304.00	90.40	164.72	6079.77	-5945.53	5138.06	7495.46
14399.00	89.60	159.47	6079.77	-6035.90	5167.25	7590.00
14494.00	89.54	156.74	6080.48	-6124.04	5202.68	7684.96
14589.00	89.88	160.44	6080.96	-6212.46	5237.35	7779.89
14684.00	90.09	153.83	6080.99	-6299.95	5274.24	7874.83
14778.00	90.09	150.91	6080.84	-6383.22	5317.83	7968.56
14873.00	90.09	151.91	6080.69	-6466.64	5363.29	8063.16
14969.00	90.09	153.65	6080.54	-6552.00	5407.20	8158.94
15063.00	90.12	155.87	6080.37	-6637.02	5447.28	8252.88
15158.00	89.35	157.33	6080.81	-6724.21	5485.01	8347.88
15253.00	89.35	158.78	6081.88	-6812.31	5520.51	8442.84
15347.00	89.26	159.99	6083.02	-6900.29	5553.60	8536.72
15441.00	89.26	158.71	6084.24	-6988.24	5586.75	8630.61
15536.00	89.05	157.45	6085.64	-7076.36	5622.21	8725.57
15631.00	89.14	155.08	6087.14	-7163.31	5660.44	8820.55
15725.00	89.05	156.36	6088.63	-7248.98	5699.08	8914.52
15820.00	89.08	155.48	6090.18	-7335.70	5737.84	9009.50
15915.00	89.08	155.79	6091.70	-7422.23	5777.03	9104.47
16010.00	89.35	154.86	6093.00	-7508.54	5816.68	9199.44
16105.00	89.26	153.48	6094.15	-7594.04	5858.07	9294.34
16200.00	89.29	153.76	6095.36	-7679.15	5900.28	9389.20
16294.00	89.54	157.17	6096.32	-7764.64	5939.30	9483.16
16389.00	89.94	157.93	6096.75	-7852.44	5975.58	9578.15
16416.00	89.94	157.93	6096.78	-7877.46	5985.72	9605.14

Wellpath created using minimum curvature

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01/26/2016

# Betty Schafer MSH 210

Marshall Co. WV

PANHANDLE (BETTY SCHAFFER MSH PAD)

Latitude: 39.9908333333

Longitude: -80.6356388889

Divergence: 0.23

Betty Schafer MSH 210

Latitude: 39.9908994415

Longitude: -80.6356467861

Betty Schafer MSH 210

Rig Height ( Drill Floor): 26

h: 142.77

0.00 E/W 0.00

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Environmental Protection 02/26/2016

67.29      Date:      7/28/2015

Source Survey

Gyro/SWN/SDC41 (WB #:

MWD/BHI/SDC41/Spudder (V

MWD/BHI/SDC41/Reentry (V

DLS (deg/ 100ft)	Build Rate (deg/ 100ft)	Turn Rate (deg/ 100ft)	
0.00	0.00	0.00	
0.00	0.00	0.00	G
7.50	7.50	0.00	G
0.57	0.57	-5.63	G
0.15	0.10	13.70	G
0.20	0.00	-22.93	G
0.82	0.67	47.13	G
0.46	-0.33	28.00	G
0.75	-0.73	-18.13	G
0.47	0.07	-68.57	G
0.46	0.10	62.60	G
0.33	0.20	32.07	G
0.50	0.05	57.90	G
0.17	-0.17	1.63	MWD/
0.19	-0.16	16.75	MWD/
0.17	-0.14	-26.78	MWD/
0.15	0.05	42.80	MWD/
0.24	0.21	-21.83	MWD/
0.28	-0.07	40.79	MWD/
0.27	0.23	-17.93	MWD/
0.22	0.02	21.69	MWD/
0.25	0.20	-12.99	MWD/
0.23	-0.04	17.13	MWD/
0.03	0.03	0.28	MWD/
0.21	0.21	-0.73	MWD/
0.19	0.18	3.75	MWD/
0.14	0.03	-6.63	MWD/
0.64	-0.51	-23.88	MWD/
0.65	-0.62	-30.86	MWD/
0.69	-0.26	490.87	MWD/

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1.26	1.22	100.97	MWD <sub>J</sub>
1.89	1.88	-18.28	MWD <sub>J</sub>
0.78	0.71	15.71	MWD <sub>J</sub>
1.50	1.50	-3.59	MWD <sub>J</sub>
0.46	0.44	-4.19	MWD <sub>J</sub>
0.31	0.25	4.95	MWD <sub>J</sub>
0.29	-0.02	7.67	MWD <sub>J</sub>
0.94	-0.72	-19.89	MWD <sub>J</sub>
0.20	-0.19	2.59	MWD <sub>J</sub>
0.22	0.03	-9.99	MWD <sub>J</sub>
0.29	-0.23	-8.80	MWD <sub>J</sub>
0.19	-0.05	10.00	MWD <sub>J</sub>
0.09	-0.04	-4.27	MWD <sub>J</sub>
0.28	0.21	9.73	MWD <sub>J</sub>
1.06	-1.04	-22.04	MWD <sub>J</sub>
0.20	-0.13	-79.94	MWD <sub>J</sub>
0.14	0.14	-9.37	MWD <sub>J</sub>
0.13	0.00	38.07	MWD <sub>J</sub>
0.21	-0.21	0.00	MWD <sub>J</sub>
0.81	0.81	0.00	MWD <sub>J</sub>
1.14	-0.49	-178.53	MWD <sub>J</sub>
0.39	0.36	-17.61	MWD <sub>J</sub>
0.10	0.03	8.17	MWD <sub>J</sub>
0.47	-0.07	41.56	MWD <sub>J</sub>
1.17	-0.01	137.79	MWD <sub>J</sub>
0.76	0.04	-73.10	MWD <sub>J</sub>
0.25	-0.19	17.69	MWD <sub>J</sub>
0.34	0.04	-40.77	MWD <sub>J</sub>
0.28	-0.19	-29.62	MWD <sub>J</sub>
0.96	0.94	-19.49	MWD <sub>J</sub>
2.01	1.98	9.58	MWD <sub>J</sub>
2.17	2.11	7.65	MWD <sub>J</sub>
1.50	1.24	-8.44	MWD <sub>J</sub>
1.27	1.15	-4.59	MWD <sub>J</sub>
0.88	0.74	3.57	MWD <sub>J</sub>
1.50	0.78	8.78	MWD <sub>J</sub>
1.53	1.27	-5.21	MWD <sub>J</sub>
1.42	1.24	-3.72	MWD <sub>J</sub>
0.75	0.56	2.51	MWD <sub>J</sub>
0.54	0.42	1.66	MWD <sub>J</sub>
1.66	1.29	4.73	MWD <sub>J</sub>
1.02	0.96	1.38	MWD <sub>J</sub>
6.54	6.47	3.42	MWD <sub>J</sub>
6.89	6.81	3.38	MWD <sub>J</sub>

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6.55	6.43	-3.47	MWD,
10.63	10.40	-5.04	MWD,
9.26	9.24	0.96	MWD,
8.78	8.78	-0.35	MWD,
10.25	10.24	0.87	MWD,
10.89	10.88	0.67	MWD,
9.18	9.18	-0.29	MWD,
5.51	5.49	-0.60	MWD,
6.18	6.15	-0.81	MWD,
8.31	8.23	-1.42	MWD,
5.42	5.42	0.14	MWD,
10.82	10.65	-2.10	MWD,
7.82	7.80	-0.57	MWD,
6.98	6.98	0.07	MWD,
6.96	6.84	1.30	MWD,
6.22	6.17	-0.80	MWD,
7.37	7.29	-1.10	MWD,
6.21	5.58	-2.73	MWD,
6.03	5.30	-2.87	MWD,
0.87	-0.16	0.85	MWD,
2.20	0.06	2.20	MWD,
0.68	0.00	-0.68	MWD,
0.08	0.06	0.05	MWD,
2.26	-0.70	2.15	MWD,
0.03	0.03	0.01	MWD,
2.49	-0.07	-2.48	MWD,
1.51	0.00	-1.51	MWD,
0.32	-0.32	-0.06	MWD,
1.61	-0.03	1.61	MWD,
5.45	-0.03	5.45	MWD,
5.03	0.00	5.03	MWD,
3.86	0.06	3.86	MWD,
3.55	0.48	3.52	MWD,
6.27	-0.13	6.27	MWD,
0.07	-0.07	0.01	MWD,
1.15	0.03	1.15	MWD,
5.40	-0.06	5.40	MWD,
5.95	0.11	5.95	MWD,
7.33	0.03	7.33	MWD,
5.12	0.00	5.12	MWD,
4.34	-0.03	4.34	MWD,
1.10	-0.04	1.09	MWD,
0.56	0.07	-0.56	MWD,
5.56	0.00	5.56	MWD,

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6.71	0.48	6.69	MWD,
0.20	0.03	-0.20	MWD,
1.39	-0.03	-1.39	MWD,
1.37	0.03	1.37	MWD,
0.65	-0.09	-0.64	MWD,
1.64	0.10	-1.64	MWD,
0.09	-0.03	-0.08	MWD,
1.57	0.09	-1.57	MWD,
0.56	-0.48	-0.27	MWD,
1.90	0.00	1.90	MWD,
2.87	-0.39	2.84	MWD,
0.48	0.03	0.48	MWD,
1.29	-0.06	-1.28	MWD,
1.02	0.06	1.02	MWD,
0.44	-0.03	-0.44	MWD,
0.19	0.00	-0.19	MWD,
1.85	0.06	-1.85	MWD,
1.89	-0.03	-1.89	MWD,
0.07	0.00	0.07	MWD,
0.71	0.00	0.71	MWD,
1.85	-0.03	1.85	MWD,
1.08	0.03	1.08	MWD,
4.92	0.00	4.92	MWD,
5.43	-0.07	-5.43	MWD,
1.68	0.07	-1.68	MWD,
3.15	-0.03	-3.15	MWD,
3.42	0.07	3.42	MWD,
1.10	-0.03	1.10	MWD,
0.60	-0.07	0.60	MWD,
0.22	0.03	-0.22	MWD,
0.79	-0.03	-0.79	MWD,
1.64	0.07	-1.64	MWD,
1.77	0.30	-1.74	MWD,
1.30	0.10	-1.30	MWD,
2.03	0.16	2.02	MWD,
1.63	-0.03	1.63	MWD,
3.59	-0.07	3.59	MWD,
2.70	0.00	2.70	MWD,
2.49	0.16	-2.48	MWD,
0.36	0.00	-0.36	MWD,
0.14	0.14	0.04	MWD,
3.67	-0.10	-3.67	MWD,
2.24	0.00	-2.24	MWD,
3.62	0.00	3.62	MWD,

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0.63	0.00	-0.63	MWD,
0.56	0.03	0.56	MWD,
0.66	-0.03	-0.66	MWD,
0.15	-0.11	-0.11	MWD,
0.55	-0.55	0.08	MWD,
0.13	-0.06	-0.12	MWD,
1.79	0.13	-1.79	MWD,
1.82	-0.06	1.82	MWD,
0.68	-0.06	0.67	MWD,
0.56	0.45	0.33	MWD,
0.34	-0.03	0.34	MWD,
0.34	0.03	-0.34	MWD,
2.31	0.16	2.31	MWD,
6.01	0.72	5.97	MWD,
5.59	-0.84	-5.53	MWD,
2.87	-0.06	-2.87	MWD,
3.91	0.36	3.89	MWD,
6.96	0.22	-6.96	MWD,
3.11	0.00	-3.11	MWD,
1.05	0.00	1.05	MWD,
1.81	0.00	1.81	MWD,
2.36	0.03	2.36	MWD,
1.74	-0.81	1.54	MWD,
1.53	0.00	1.53	MWD,
1.29	-0.10	1.29	MWD,
1.36	0.00	-1.36	MWD,
1.34	-0.22	-1.33	MWD,
2.50	0.09	-2.49	MWD,
1.36	-0.10	1.36	MWD,
0.93	0.03	-0.93	MWD,
0.33	0.00	0.33	MWD,
1.02	0.28	-0.98	MWD,
1.46	-0.09	-1.45	MWD,
0.30	0.03	0.29	MWD,
3.64	0.27	3.63	MWD,
0.90	0.42	0.80	MWD,
0.00	0.00	0.00	

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1)
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Survey Type	Survey Tool	Comment
Surface		
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yro/SWN/SDC41 (WB #1)		
yro/SWN/SDC41 (WB #1)		
yro/SWN/SDC41 (WB #1)		
yro/SWN/SDC41 (WB #1)		
yro/SWN/SDC41 (WB #1)		
'BHI/SDC41/Spudder (WB #1)		
'BHI/SDC41/Spudder (WB #1)		
'BHI/SDC41/Spudder (WB #1)		
'BHI/SDC41/Spudder (WB #1)		
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