

103-02817



Scientific Drilling International
Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well Mason-Conlon 5H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Site:	Mason-Conlon Pad	MD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Well:	Mason-Conlon 5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Northeast District

Project	Heather Prospect (NAD 27), Wetzel County, West Virginia		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	West Virginia North 4701		

Site	Mason-Conlon Pad				
Site Position:		Northing:	412,527.00 usft	Latitude:	39° 37' 34.138 N
From:	Map	Easting:	1,654,495.00 usft	Longitude:	80° 43' 35.920 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.78 °

Well	Mason-Conlon 5H					
Well Position	+N/-S	0.00 ft	Northing:	412,587.00 usft	Latitude:	39° 37' 34.727 N
	+E/-W	0.00 ft	Easting:	1,654,465.00 usft	Longitude:	80° 43' 36.314 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	1,202.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/19/2013	-8.54	67.19	52,611

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00		0.00

Survey Program	Date	4/1/2013			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
108.00	6,158.63	Survey 1 - Gyro (OH)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3	
6,207.00	7,411.00	Survey 2 - Curve (OH)	MWD SDI	MWD - Standard ver 1.0.1	
7,443.00	9,840.00	Survey 3 - Lateral (OH)	MWD SDI	MWD - Standard ver 1.0.1	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
108.00	0.45	118.18	108.00	-0.20	0.37	-0.20	0.42	0.42	0.00	
First SDI Gyro Survey										
208.00	0.33	112.35	208.00	-0.50	0.99	-0.50	0.13	-0.12	-5.83	
308.00	0.11	68.54	308.00	-0.57	1.34	-0.57	0.26	-0.22	-43.81	
408.00	0.03	201.60	408.00	-0.56	1.42	-0.56	0.13	-0.08	133.06	
508.00	0.10	154.19	508.00	-0.66	1.45	-0.66	0.08	0.07	-47.41	
608.00	0.30	162.22	608.00	-0.99	1.57	-0.99	0.20	0.20	8.03	
708.00	0.21	175.62	707.99	-1.42	1.66	-1.42	0.11	-0.09	13.40	

103-02817



Scientific Drilling International
Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well Mason-Conlon 5H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Site:	Mason-Conlon Pad	MD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Well:	Mason-Conlon 5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Northeast District

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
808.00	0.14	163.50	807.99	-1.72	1.71	-1.72	0.08	-0.07	-12.12
908.00	0.14	134.26	907.99	-1.92	1.83	-1.92	0.07	0.00	-29.24
1,008.00	0.10	195.60	1,007.99	-2.09	1.90	-2.09	0.13	-0.04	61.34
1,108.00	0.08	112.55	1,107.99	-2.20	1.94	-2.20	0.12	-0.02	-83.05
1,208.00	0.05	282.45	1,207.99	-2.22	1.96	-2.22	0.13	-0.03	169.90
1,308.00	0.08	53.18	1,307.99	-2.17	1.97	-2.17	0.12	0.03	130.73
1,408.00	0.05	207.21	1,407.99	-2.17	2.01	-2.17	0.13	-0.03	154.03
1,508.00	0.02	0.79	1,507.99	-2.19	1.99	-2.19	0.07	-0.03	153.58
1,608.00	0.27	221.12	1,607.99	-2.35	1.83	-2.35	0.29	0.25	-139.67
1,708.00	0.54	281.29	1,707.99	-2.43	1.22	-2.43	0.47	0.27	60.17
1,808.00	0.60	288.84	1,807.99	-2.17	0.26	-2.17	0.10	0.06	7.55
1,908.00	0.56	292.15	1,907.98	-1.82	-0.69	-1.82	0.05	-0.04	3.31
2,008.00	0.62	290.97	2,007.98	-1.44	-1.65	-1.44	0.06	0.06	-1.18
2,108.00	0.36	258.97	2,107.97	-1.31	-2.46	-1.31	0.37	-0.26	-32.00
2,208.00	0.36	191.57	2,207.97	-1.68	-2.83	-1.68	0.40	0.00	-67.40
2,308.00	0.47	208.50	2,307.97	-2.34	-3.09	-2.34	0.16	0.11	16.93
2,408.00	0.50	210.51	2,407.96	-3.08	-3.51	-3.08	0.03	0.03	2.01
2,508.00	0.51	217.68	2,507.96	-3.81	-4.00	-3.81	0.06	0.01	7.17
2,608.00	0.52	221.99	2,607.96	-4.50	-4.58	-4.50	0.04	0.01	4.31
2,708.00	0.68	276.85	2,707.95	-4.76	-5.47	-4.76	0.57	0.16	54.86
2,808.00	1.92	355.11	2,807.93	-3.02	-6.20	-3.02	1.90	1.24	78.26
2,908.00	2.83	4.30	2,907.84	1.11	-6.16	1.11	0.98	0.91	9.19
3,008.00	3.90	15.60	3,007.67	6.84	-5.06	6.84	1.25	1.07	11.30
3,108.00	4.93	14.70	3,107.37	14.28	-3.05	14.28	1.03	1.03	-0.90
3,208.00	5.25	15.58	3,206.98	22.84	-0.73	22.84	0.33	0.32	0.88
3,308.00	5.61	16.14	3,306.53	31.94	1.85	31.94	0.36	0.36	0.56
3,408.00	6.53	17.19	3,405.97	42.07	4.89	42.07	0.93	0.92	1.05
3,508.00	7.46	15.99	3,505.22	53.74	8.36	53.74	0.94	0.93	-1.20
3,608.00	8.31	14.66	3,604.27	66.97	11.98	66.97	0.87	0.85	-1.33
3,708.00	9.00	11.93	3,703.14	81.62	15.42	81.62	0.80	0.69	-2.73
3,808.00	9.50	10.27	3,801.84	97.39	18.51	97.39	0.57	0.50	-1.66
3,908.00	9.86	7.88	3,900.41	113.99	21.16	113.99	0.54	0.36	-2.39
4,008.00	9.98	9.69	3,998.92	131.02	23.79	131.02	0.33	0.12	1.81
4,108.00	9.64	10.73	4,097.45	147.78	26.81	147.78	0.38	-0.34	1.04
4,208.00	9.82	11.62	4,196.02	164.36	30.08	164.36	0.23	0.18	0.89
4,308.00	10.21	10.96	4,294.49	181.42	33.49	181.42	0.41	0.39	-0.66
4,408.00	10.93	12.64	4,392.79	199.37	37.25	199.37	0.78	0.72	1.68
4,508.00	12.01	13.01	4,490.80	218.76	41.66	218.76	1.08	1.08	0.37
4,608.00	12.88	13.01	4,588.45	239.75	46.51	239.75	0.87	0.87	0.00
4,708.00	13.46	13.03	4,685.82	261.95	51.65	261.95	0.58	0.58	0.02
4,808.00	12.42	12.93	4,783.27	283.77	56.68	283.77	1.04	-1.04	-0.10
4,908.00	12.03	12.14	4,881.01	304.44	61.28	304.44	0.42	-0.39	-0.79
5,008.00	12.09	14.21	4,978.80	324.78	66.04	324.78	0.44	0.06	2.07

103-02817



Scientific Drilling International
Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well Mason-Conlon 5H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Site:	Mason-Conlon Pad	MD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Well:	Mason-Conlon 5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Northeast District

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,108.00	11.93	12.50	5,076.61	345.03	70.85	345.03	0.39	-0.16	-1.71
5,208.00	10.37	13.74	5,174.72	363.86	75.22	363.86	1.58	-1.56	1.24
5,308.00	9.24	11.95	5,273.26	380.46	79.02	380.46	1.17	-1.13	-1.79
5,408.00	9.59	10.41	5,371.91	396.51	82.19	396.51	0.43	0.35	-1.54
5,508.00	8.81	6.47	5,470.63	412.31	84.56	412.31	1.00	-0.78	-3.94
5,608.00	9.42	5.56	5,569.36	428.06	86.21	428.06	0.63	0.61	-0.91
5,708.00	10.24	9.14	5,667.89	444.98	88.42	444.98	1.02	0.82	3.58
5,808.00	10.42	9.71	5,766.27	462.67	91.35	462.67	0.21	0.18	0.57
5,908.00	8.68	18.30	5,864.89	478.75	95.25	478.75	2.24	-1.74	8.59
6,008.00	8.58	18.48	5,963.76	492.99	99.98	492.99	0.10	-0.10	0.18
6,108.00	9.32	16.63	6,062.54	507.83	104.67	507.83	0.79	0.74	-1.85
6,158.63	9.18	19.78	6,112.51	515.55	107.21	515.55	1.04	-0.28	6.22
Last SDI Gyro Survey									
6,207.00	9.68	13.24	6,160.23	523.14	109.44	523.14	2.44	1.03	-13.52
First SDI MWD Survey									
6,271.00	9.25	11.17	6,223.36	533.43	111.67	533.43	0.86	-0.67	-3.23
6,302.00	8.70	11.35	6,253.98	538.17	112.62	538.17	1.78	-1.77	0.58
6,334.00	9.54	10.29	6,285.57	543.15	113.57	543.15	2.68	2.63	-3.31
6,365.00	11.30	7.35	6,316.06	548.69	114.41	548.69	5.93	5.68	-9.48
6,397.00	13.45	3.64	6,347.32	555.52	115.05	555.52	7.16	6.72	-11.59
6,429.00	15.64	1.00	6,378.29	563.55	115.36	563.55	7.15	6.84	-8.25
6,460.00	17.96	359.24	6,407.96	572.50	115.37	572.50	7.66	7.48	-5.68
6,492.00	20.38	357.14	6,438.19	583.00	115.03	583.00	7.86	7.56	-6.56
6,524.00	22.93	355.41	6,467.93	594.78	114.25	594.78	8.21	7.97	-5.41
6,555.00	25.80	353.94	6,496.16	607.51	113.06	607.51	9.46	9.26	-4.74
6,587.00	28.76	352.46	6,524.60	622.07	111.31	622.07	9.49	9.25	-4.63
6,618.00	31.97	351.13	6,551.35	637.58	109.06	637.58	10.58	10.35	-4.29
6,650.00	35.09	349.76	6,578.02	655.01	106.12	655.01	10.03	9.75	-4.28
6,682.00	37.59	348.97	6,603.79	673.64	102.62	673.64	7.95	7.81	-2.47
6,714.00	39.18	347.36	6,628.88	693.09	98.54	693.09	5.87	4.97	-5.03
6,745.00	41.36	345.48	6,652.53	712.56	93.83	712.56	8.05	7.03	-6.06
6,777.00	44.44	343.83	6,675.97	733.56	88.06	733.56	10.24	9.63	-5.16
6,809.00	47.08	342.36	6,698.29	755.49	81.38	755.49	8.88	8.25	-4.59
6,841.00	48.36	341.98	6,719.82	778.03	74.13	778.03	4.10	4.00	-1.19
6,873.00	50.01	340.48	6,740.73	800.95	66.34	800.95	6.26	5.16	-4.69
6,904.00	51.90	338.94	6,760.26	823.53	57.99	823.53	7.21	6.10	-4.97
6,936.00	55.51	337.45	6,779.20	847.47	48.40	847.47	11.89	11.28	-4.66
6,968.00	59.39	336.89	6,796.42	872.32	37.94	872.32	12.21	12.13	-1.75
6,999.00	63.59	336.70	6,811.21	897.36	27.20	897.36	13.56	13.55	-0.61
7,031.00	66.36	336.49	6,824.74	923.96	15.69	923.96	8.68	8.66	-0.66
7,063.00	68.51	335.81	6,837.02	950.99	3.74	950.99	7.00	6.72	-2.13
7,095.00	70.02	334.66	6,848.35	978.16	-8.80	978.16	5.79	4.72	-3.59
7,126.00	72.46	333.07	6,858.32	1,004.51	-21.73	1,004.51	9.25	7.87	-5.13
7,158.00	75.07	333.30	6,867.27	1,031.93	-35.59	1,031.93	8.19	8.16	0.72

103.02817



Scientific Drilling International
Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well Mason-Conlon 5H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Site:	Mason-Conlon Pad	MD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Well:	Mason-Conlon 5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Northeast District

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,190.00	78.14	332.83	6,874.68	1,059.67	-49.69	1,059.67	9.70	9.59	-1.47
7,221.00	80.51	333.19	6,880.42	1,086.82	-63.51	1,086.82	7.73	7.65	1.16
7,253.00	83.37	333.92	6,884.91	1,115.18	-77.62	1,115.18	9.22	8.94	2.28
7,284.00	86.80	335.01	6,887.56	1,143.05	-90.93	1,143.05	11.61	11.06	3.52
7,316.00	89.06	335.63	6,888.72	1,172.11	-104.28	1,172.11	7.32	7.06	1.94
7,348.00	89.70	335.52	6,889.07	1,201.24	-117.52	1,201.24	2.03	2.00	-0.34
7,380.00	90.10	335.55	6,889.12	1,230.37	-130.77	1,230.37	1.25	1.25	0.09
7,411.00	90.47	335.16	6,888.97	1,258.54	-143.69	1,258.54	1.73	1.19	-1.26
7,443.00	90.87	335.32	6,888.59	1,287.60	-157.10	1,287.60	1.35	1.25	0.50
7,475.00	91.51	335.56	6,887.93	1,316.70	-170.39	1,316.70	2.14	2.00	0.75
7,506.00	90.77	334.97	6,887.31	1,344.85	-183.36	1,344.85	3.05	-2.39	-1.90
7,538.00	90.84	335.32	6,886.86	1,373.88	-196.81	1,373.88	1.12	0.22	1.09
7,570.00	90.44	334.48	6,886.51	1,402.86	-210.38	1,402.86	2.91	-1.25	-2.63
7,602.00	90.37	333.89	6,886.28	1,431.66	-224.32	1,431.66	1.86	-0.22	-1.84
7,634.00	90.81	333.93	6,885.95	1,460.40	-238.39	1,460.40	1.38	1.38	0.13
7,665.00	91.24	333.90	6,885.40	1,488.24	-252.02	1,488.24	1.39	1.39	-0.10
7,697.00	91.81	333.79	6,884.54	1,516.95	-266.12	1,516.95	1.81	1.78	-0.34
7,729.00	91.48	332.63	6,883.62	1,545.50	-280.54	1,545.50	3.77	-1.03	-3.63
7,761.00	91.75	331.65	6,882.72	1,573.78	-295.48	1,573.78	3.18	0.84	-3.06
7,792.00	91.71	330.44	6,881.79	1,600.89	-310.49	1,600.89	3.90	-0.13	-3.90
7,824.00	90.81	329.07	6,881.08	1,628.53	-326.60	1,628.53	5.12	-2.81	-4.28
7,856.00	91.01	328.74	6,880.58	1,655.93	-343.12	1,655.93	1.21	0.63	-1.03
7,888.00	91.38	328.46	6,879.91	1,683.24	-359.79	1,683.24	1.45	1.16	-0.88
7,920.00	91.78	328.07	6,879.03	1,710.44	-376.62	1,710.44	1.75	1.25	-1.22
7,952.00	92.22	327.88	6,877.91	1,737.56	-393.58	1,737.56	1.50	1.38	-0.59
7,983.00	92.02	327.72	6,876.76	1,763.77	-410.08	1,763.77	0.83	-0.65	-0.52
8,015.00	91.04	328.21	6,875.91	1,790.89	-427.05	1,790.89	3.42	-3.06	1.53
8,046.00	90.61	328.53	6,875.46	1,817.28	-443.31	1,817.28	1.73	-1.39	1.03
8,078.00	90.74	328.18	6,875.08	1,844.52	-460.10	1,844.52	1.17	0.41	-1.09
8,110.00	91.11	328.12	6,874.57	1,871.70	-476.98	1,871.70	1.17	1.16	-0.19
8,141.00	91.48	328.14	6,873.87	1,898.02	-493.34	1,898.02	1.20	1.19	0.06
8,173.00	91.04	328.82	6,873.16	1,925.29	-510.07	1,925.29	2.53	-1.38	2.13
8,205.00	90.98	329.33	6,872.60	1,952.74	-526.51	1,952.74	1.60	-0.19	1.59
8,236.00	91.41	329.45	6,871.95	1,979.41	-542.29	1,979.41	1.44	1.39	0.39
8,268.00	91.71	329.20	6,871.08	2,006.92	-558.61	2,006.92	1.22	0.94	-0.78
8,300.00	92.15	329.07	6,870.00	2,034.37	-575.02	2,034.37	1.43	1.38	-0.41
8,332.00	92.22	328.23	6,868.78	2,061.68	-591.66	2,061.68	2.63	0.22	-2.63
8,363.00	91.88	328.30	6,867.67	2,088.03	-607.95	2,088.03	1.12	-1.10	0.23
8,395.00	90.94	329.01	6,866.89	2,115.35	-624.59	2,115.35	3.68	-2.94	2.22
8,427.00	90.50	329.36	6,866.49	2,142.83	-640.98	2,142.83	1.76	-1.38	1.09
8,459.00	90.91	329.09	6,866.09	2,170.32	-657.35	2,170.32	1.53	1.28	-0.84
8,491.00	91.08	328.29	6,865.54	2,197.66	-673.98	2,197.66	2.56	0.53	-2.50
8,522.00	90.20	328.28	6,865.19	2,224.03	-690.28	2,224.03	2.84	-2.84	-0.03



Scientific Drilling International
Survey Report



103-02817

Company:	Stone Energy	Local Co-ordinate Reference:	Well Mason-Conlon 5H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Site:	Mason-Conlon Pad	MD Reference:	GL 1202' & KB 18' @ 1220.00ft (Saxon 141)
Well:	Mason-Conlon 5H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Northeast District

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,554.00	89.97	328.74	6,865.14	2,251.32	-706.99	2,251.32	1.61	-0.72	1.44
8,585.00	90.37	328.66	6,865.05	2,277.80	-723.10	2,277.80	1.32	1.29	-0.26
8,617.00	90.20	329.12	6,864.89	2,305.20	-739.63	2,305.20	1.53	-0.53	1.44
8,649.00	89.63	329.99	6,864.94	2,332.79	-755.84	2,332.79	3.25	-1.78	2.72
8,680.00	89.23	331.52	6,865.25	2,359.83	-770.99	2,359.83	5.10	-1.29	4.94
8,712.00	89.39	332.37	6,865.63	2,388.07	-786.04	2,388.07	2.70	0.50	2.66
8,744.00	90.00	333.04	6,865.80	2,416.51	-800.71	2,416.51	2.83	1.91	2.09
8,776.00	90.44	333.27	6,865.68	2,445.06	-815.16	2,445.06	1.55	1.38	0.72
8,807.00	91.04	333.74	6,865.28	2,472.80	-828.99	2,472.80	2.46	1.94	1.52
8,839.00	91.55	333.96	6,864.56	2,501.52	-843.09	2,501.52	1.74	1.59	0.69
8,870.00	92.05	333.89	6,863.58	2,529.35	-856.71	2,529.35	1.63	1.61	-0.23
8,902.00	92.52	334.17	6,862.31	2,558.10	-870.71	2,558.10	1.71	1.47	0.88
8,934.00	92.89	333.89	6,860.80	2,586.83	-884.71	2,586.83	1.45	1.16	-0.88
8,965.00	92.12	333.41	6,859.44	2,614.58	-898.45	2,614.58	2.93	-2.48	-1.55
8,997.00	91.58	332.86	6,858.41	2,643.12	-912.91	2,643.12	2.41	-1.69	-1.72
9,029.00	91.85	332.74	6,857.45	2,671.56	-927.53	2,671.56	0.92	0.84	-0.38
9,060.00	91.21	331.94	6,856.62	2,699.01	-941.91	2,699.01	3.30	-2.06	-2.58
9,092.00	90.97	331.24	6,856.01	2,727.15	-957.14	2,727.15	2.31	-0.75	-2.19
9,124.00	91.21	330.90	6,855.41	2,755.15	-972.61	2,755.15	1.30	0.75	-1.06
9,156.00	91.65	330.54	6,854.61	2,783.06	-988.26	2,783.06	1.78	1.38	-1.13
9,188.00	90.97	330.73	6,853.88	2,810.94	-1,003.95	2,810.94	2.21	-2.13	0.59
9,219.00	90.64	331.21	6,853.44	2,838.04	-1,018.99	2,838.04	1.88	-1.06	1.55
9,251.00	90.97	331.15	6,852.99	2,866.07	-1,034.41	2,866.07	1.05	1.03	-0.19
9,283.00	91.28	330.62	6,852.36	2,894.02	-1,049.98	2,894.02	1.92	0.97	-1.66
9,315.00	90.81	330.75	6,851.78	2,921.92	-1,065.64	2,921.92	1.52	-1.47	0.41
9,347.00	90.77	331.25	6,851.34	2,949.91	-1,081.16	2,949.91	1.57	-0.13	1.56
9,379.00	90.87	331.30	6,850.88	2,977.97	-1,096.53	2,977.97	0.35	0.31	0.16
9,410.00	91.14	331.40	6,850.34	3,005.17	-1,111.39	3,005.17	0.93	0.87	0.32
9,442.00	91.45	331.03	6,849.61	3,033.21	-1,126.80	3,033.21	1.51	0.97	-1.16
9,474.00	91.81	330.87	6,848.70	3,061.17	-1,142.33	3,061.17	1.23	1.13	-0.50
9,506.00	90.94	331.04	6,847.93	3,089.14	-1,157.86	3,089.14	2.77	-2.72	0.53
9,538.00	90.87	331.62	6,847.43	3,117.21	-1,173.21	3,117.21	1.83	-0.22	1.81
9,569.00	91.31	331.99	6,846.84	3,144.53	-1,187.86	3,144.53	1.85	1.42	1.19
9,601.00	91.82	332.44	6,845.97	3,172.82	-1,202.77	3,172.82	2.13	1.59	1.41
9,633.00	92.46	332.47	6,844.77	3,201.18	-1,217.56	3,201.18	2.00	2.00	0.09
9,665.00	91.78	332.28	6,843.59	3,229.51	-1,232.38	3,229.51	2.21	-2.13	-0.59
9,697.00	91.58	332.21	6,842.65	3,257.82	-1,247.28	3,257.82	0.66	-0.63	-0.22
9,729.00	91.75	331.77	6,841.72	3,286.06	-1,262.30	3,286.06	1.47	0.53	-1.38
9,760.00	92.15	331.31	6,840.66	3,313.29	-1,277.07	3,313.29	1.97	1.29	-1.48
9,782.00	91.92	331.29	6,839.88	3,332.58	-1,287.62	3,332.58	1.05	-1.05	-0.09
Last SDI MWD Survey									
9,840.00	91.92	331.29	6,837.94	3,383.42	-1,315.47	3,383.42	0.00	0.00	0.00
Projection to Bit									