

Project: Heather Prospect (NAD 27)
 Site: Stone
 Well: 6H
 Wellbore: OH
 Design: 6H As Drilled

WELL DETAILS: 6H

+N/-S 0.00 +E/W 0.00
 Northing 421783.00 Easting 1639008.00
 Ground Level: 1215.00
 Longitude 80° 46' 55.523" W
 Latitude 39° 39' 3.476" N

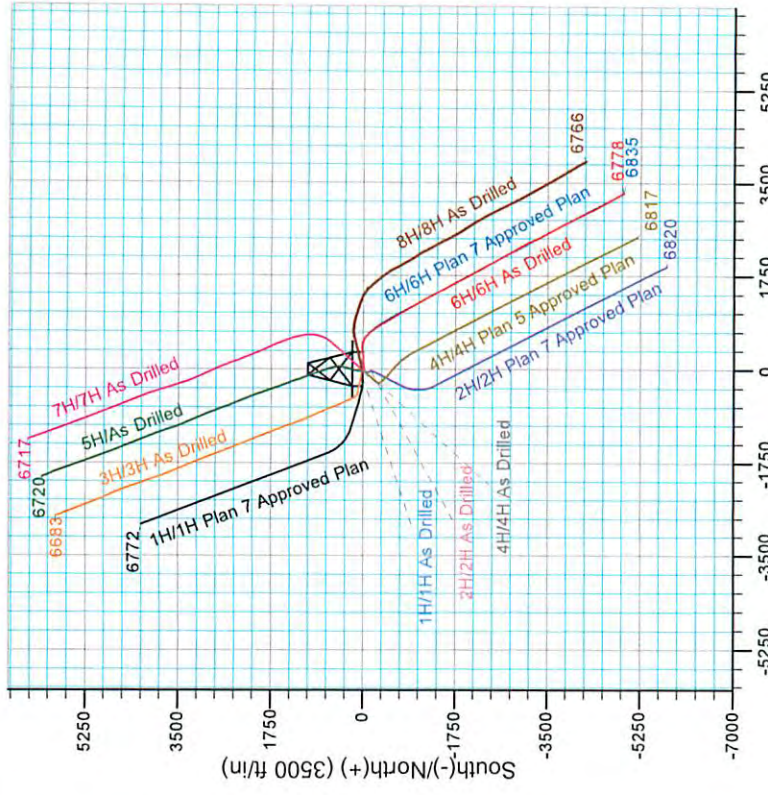
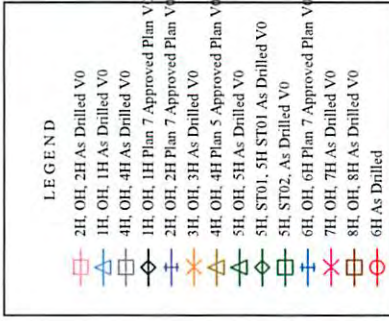
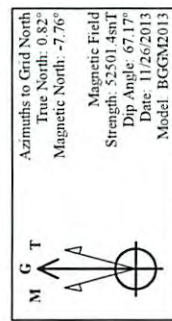
REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well 6H, Grid North
 Vertical (TVD) Reference: GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
 Section (V/S) Reference: Slot - (0.00N, 0.00E)
 Measured Depth Reference: GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
 Calculation Method: Minimum Curvature

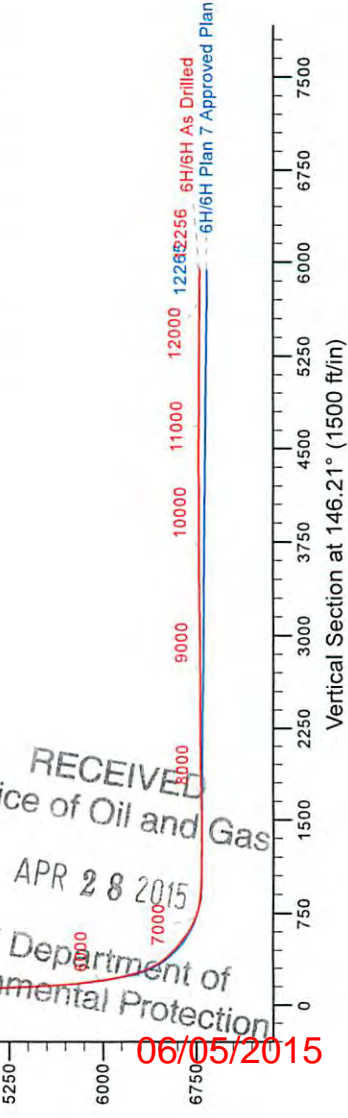
PROJECT DETAILS: Heather Prospect (NAD 27)

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: West Virginia North 4701
 System Datum: Mean Sea Level

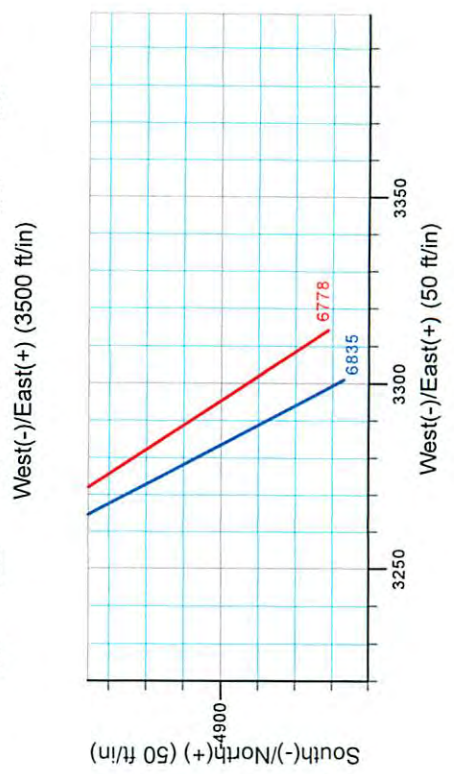
SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/W	Dleg	TFace	V Sect	Target
1	5998.00	16.54	88.30	5971.73	24.82	391.34	0.00	0.00	197.01	
2	6113.00	16.54	88.30	6081.97	25.79	424.06	0.00	0.00	214.41	
3	6196.50	16.54	88.30	6162.02	26.49	447.82	0.00	0.00	227.03	
4	6304.68	21.63	100.74	6264.26	23.23	482.85	6.00	44.61	249.22	
5	7256.96	89.50	152.00	6791.00	-511.00	949.75	8.00	53.44	952.88	Stone 6H_LF3
6	12265.40	89.50	152.00	6834.90	-4933.01	3301.01	0.00	-171.64	5935.59	Stone 6H_BHL3



Vertical Section at 146.21° (40 ft/in)



Vertical Section at 146.21° (1500 ft/in)



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Stone Energy

Heather Prospect (NAD 27)

Stone

6H

OH

Design: 6H As Drilled

Standard Survey Report

04 February, 2014



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06/05/2015



Survey Report



Company: Stone Energy	Local Co-ordinate Reference: Well 6H
Project: Heather Prospect (NAD 27)	TVD Reference: GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Site: Stone	MD Reference: GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Well: 6H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: 6H 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 Stone		
Site Position:	Northing: 421,797.00 usft	Latitude: 39° 39' 3.606 N
From: Map	Easting: 1,638,950.00 usft	Longitude: 80° 46' 56.267 W
Position Uncertainty: 0.00 ft	Slot Radius: 13-3/16 "	Grid Convergence: -0.82 °

Well 6H		
Well Position +N/-S 0.00 ft	Northing: 421,783.00 usft	Latitude: 39° 39' 3.476 N
+E/-W 0.00 ft	Easting: 1,639,008.00 usft	Longitude: 80° 46' 55.523 W
Position Uncertainty 0.00 ft	Wellhead Elevation: ft	Ground Level: 1,215.00 ft

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/15/2013	-8.51	67.21	52,620
	IGRF2010	5/22/2013	-8.51	67.20	52,608
	BGGM2013	11/26/2013	-8.57	67.17	52,501

Design 6H 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	146.21

Survey Program	Date 2/4/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
103.00	2,455.30	Survey 1 - Gyro (OH)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3
2,509.00	5,998.00	Survey 2 - MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1
6,041.00	12,256.00	Survey 4 - SDI MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1

Survey									
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
103.00	1.36	189.01	102.99	-1.21	-0.19	0.90	1.32	1.32	0.00
First SDI Gyro Survey									
203.00	0.70	191.45	202.97	-2.98	-0.50	2.20	0.68	-0.66	2.44
303.00	0.56	201.59	302.97	-4.03	-0.80	2.91	0.18	-0.14	10.14
403.00	0.38	183.67	402.96	-4.82	-1.00	3.45	0.23	-0.18	-17.92

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Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well 6H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Site:	Stone	MD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Well:	6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

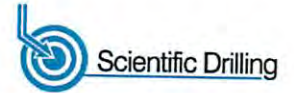
Survey

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)
503.00	0.60	165.61	502.96	-5.65	-0.89	4.20	0.27	0.22	-18.06
603.00	0.27	167.71	602.96	-6.39	-0.71	4.92	0.33	-0.33	2.10
703.00	0.14	129.83	702.96	-6.70	-0.57	5.25	0.18	-0.13	-37.88
803.00	0.37	155.72	802.96	-7.07	-0.34	5.69	0.25	0.23	25.89
903.00	0.32	107.83	902.95	-7.45	0.06	6.23	0.28	-0.05	-47.89
1,003.00	0.43	130.53	1,002.95	-7.78	0.61	6.81	0.18	0.11	22.70
1,103.00	0.38	149.42	1,102.95	-8.31	1.06	7.50	0.14	-0.05	18.89
1,203.00	0.43	113.21	1,202.95	-8.74	1.58	8.14	0.26	0.05	-36.21
1,303.00	0.36	150.31	1,302.95	-9.17	2.08	8.77	0.26	-0.07	37.10
1,403.00	0.40	100.18	1,402.94	-9.50	2.58	9.33	0.32	0.04	-50.13
1,503.00	0.53	131.11	1,502.94	-9.87	3.27	10.02	0.28	0.13	30.93
1,603.00	0.46	140.42	1,602.94	-10.48	3.87	10.86	0.11	-0.07	9.31
1,703.00	0.20	168.26	1,702.93	-10.96	4.16	11.42	0.30	-0.26	27.84
1,803.00	0.19	232.92	1,802.93	-11.23	4.07	11.60	0.21	-0.01	64.66
1,903.00	0.17	356.34	1,902.93	-11.18	3.92	11.48	0.32	-0.02	123.42
2,003.00	0.12	0.32	2,002.93	-10.93	3.92	11.26	0.05	-0.05	3.98
2,103.00	0.03	116.46	2,102.93	-10.84	3.94	11.20	0.14	-0.09	116.14
2,203.00	0.26	314.84	2,202.93	-10.69	3.80	11.00	0.29	0.23	-161.62
2,303.00	0.14	334.00	2,302.93	-10.42	3.59	10.65	0.14	-0.12	19.16
2,403.00	0.23	356.83	2,402.93	-10.11	3.52	10.36	0.11	0.09	22.83
2,455.30	0.10	12.13	2,455.23	-9.96	3.53	10.24	0.26	-0.25	29.25
Last SDI Gyro Survey									
2,509.00	0.29	341.82	2,508.93	-9.78	3.49	10.08	0.39	0.35	-56.44
First SDI MWD Survey									
2,601.00	0.36	312.54	2,600.93	-9.37	3.21	9.57	0.19	0.08	-31.83
2,694.00	0.33	303.78	2,693.93	-9.02	2.77	9.04	0.07	-0.03	-9.42
2,788.00	1.01	93.97	2,787.92	-8.93	3.37	9.30	1.39	0.72	159.78
2,882.00	2.67	88.00	2,881.87	-8.91	6.39	10.96	1.78	1.77	-6.35
2,974.00	3.74	84.52	2,973.73	-8.55	11.52	13.51	1.18	1.16	-3.78
3,065.00	4.36	83.50	3,064.50	-7.87	17.91	16.50	0.69	0.68	-1.12
3,158.00	5.22	83.60	3,157.17	-7.00	25.62	20.07	0.92	0.92	0.11
3,251.00	6.46	84.73	3,249.69	-6.05	35.04	24.51	1.34	1.33	1.22
3,343.00	6.69	80.94	3,341.09	-4.73	45.48	29.23	0.53	0.25	-4.12
3,436.00	6.71	78.65	3,433.45	-2.81	56.16	33.57	0.29	0.02	-2.46
3,527.00	6.09	90.14	3,523.89	-1.77	66.20	38.29	1.56	-0.68	12.63
3,620.00	6.25	87.98	3,616.35	-1.61	76.19	43.71	0.39	0.39	-2.32
3,710.00	6.23	84.26	3,705.81	-0.95	85.95	48.58	0.45	-0.02	4.13
3,801.00	5.99	82.22	3,796.30	0.19	95.57	52.99	0.36	-0.26	-2.24
3,892.00	6.89	87.88	3,886.72	1.04	105.72	57.94	1.21	0.99	6.22
3,988.00	7.13	85.54	3,982.01	1.71	117.42	63.88	0.39	0.25	-2.44
4,080.00	7.19	81.85	4,073.29	2.97	128.81	69.17	0.50	0.07	-4.01
4,173.00	7.20	81.03	4,165.56	4.71	140.33	74.13	0.11	0.07	-0.88
4,263.00	6.38	91.20	4,254.93	5.48	150.90	79.37	0.11	0.07	11.30
4,356.00	6.15	88.02	4,347.37	5.55	161.04	84.95	0.45	-0.25	-3.42

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Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well 6H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Site:	Stone	MD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Well:	6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey

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)
4,450.00	5.82	86.19	4,440.86	6.04	170.83	89.99	0.41	-0.35	-1.95
4,543.00	6.41	90.13	4,533.33	6.34	180.73	95.24	0.78	0.63	4.24
4,634.00	6.91	89.62	4,623.72	6.36	191.28	101.09	0.55	0.55	-0.56
4,728.00	7.05	92.22	4,717.02	6.18	202.70	107.60	0.37	0.15	2.77
4,819.00	7.18	93.29	4,807.32	5.63	213.96	114.31	0.20	0.14	1.18
4,911.00	7.65	84.65	4,898.55	5.87	225.80	120.69	1.31	0.51	-9.39
5,003.00	7.59	83.48	4,989.74	7.14	237.93	126.39	0.18	-0.07	-1.27
5,098.00	7.64	80.27	5,083.90	8.92	250.39	131.84	0.45	0.05	-3.38
5,194.00	7.52	79.51	5,179.06	11.14	262.85	136.93	0.16	-0.13	-0.79
5,287.00	7.56	80.64	5,271.26	13.24	274.87	141.86	0.17	0.04	1.22
5,381.00	7.84	76.93	5,364.41	15.70	287.22	146.69	0.61	0.30	-3.95
5,473.00	7.38	84.38	5,455.61	17.69	299.21	151.70	1.18	-0.50	8.10
5,565.00	7.51	84.05	5,546.83	18.90	311.07	157.30	0.15	0.14	-0.36
5,656.00	7.55	82.49	5,637.04	20.29	322.91	162.72	0.23	0.04	-1.71
5,750.00	9.53	82.26	5,730.00	22.15	336.75	168.87	2.11	2.11	-0.24
5,845.00	11.64	87.63	5,823.38	23.60	354.12	177.32	2.45	2.22	5.65
5,937.00	14.59	88.30	5,912.97	24.33	374.98	188.32	3.21	3.21	0.73
5,998.00	16.54	88.30	5,971.73	24.82	391.34	197.01	3.20	3.20	0.00
6,041.00	15.32	89.79	6,013.08	25.02	403.14	203.41	2.99	-2.84	3.47
6,102.00	14.98	93.20	6,071.96	24.61	419.07	212.61	1.56	-0.56	5.59
6,132.00	15.01	95.72	6,100.94	24.01	426.81	217.41	2.18	0.10	8.40
6,162.00	15.21	95.76	6,129.90	23.22	434.59	222.39	0.67	0.67	0.13
6,192.00	16.61	97.98	6,158.75	22.23	442.75	227.75	5.09	4.67	7.40
6,223.00	20.19	101.18	6,188.16	20.58	452.39	234.49	12.00	11.55	10.32
6,253.00	22.03	102.35	6,216.15	18.37	462.96	242.20	6.29	6.13	3.90
6,283.00	21.38	102.61	6,244.02	15.98	473.80	250.22	2.19	-2.17	0.87
6,313.00	21.45	103.79	6,271.95	13.47	484.46	258.23	1.45	0.23	3.93
6,344.00	24.48	106.21	6,300.49	10.33	496.14	267.34	10.24	9.77	7.81
6,374.00	27.67	109.07	6,327.43	6.32	508.69	277.65	11.43	10.63	9.53
6,404.00	31.65	110.37	6,353.50	1.30	522.66	289.59	13.44	13.27	4.33
6,435.00	33.39	113.32	6,379.64	-4.91	538.12	303.35	7.59	5.61	9.52
6,465.00	33.37	118.88	6,404.69	-12.16	552.93	317.61	10.19	-0.07	18.53
6,495.00	33.54	123.19	6,429.73	-20.69	567.09	332.57	7.94	0.57	14.37
6,525.00	35.71	127.69	6,454.42	-30.58	580.96	348.51	11.17	7.23	15.00
6,555.00	38.81	131.33	6,478.29	-42.14	594.95	365.90	12.67	10.33	12.13
6,586.00	41.95	133.97	6,501.91	-55.76	609.71	385.42	11.53	7.18	8.52
6,616.00	43.97	135.50	6,523.86	-70.15	624.23	405.46	7.58	6.77	5.10
6,647.00	46.01	135.33	6,545.78	-85.76	639.61	426.98	6.59	6.58	-0.55
6,677.00	47.96	136.23	6,566.25	-101.48	654.90	448.56	6.86	6.50	3.00
6,707.00	49.24	137.99	6,586.09	-117.97	670.22	470.77	6.13	4.27	5.87
6,737.00	49.03	139.80	6,605.72	-135.06	685.13	493.28	4.62	-0.70	8.98
6,767.00	49.96	141.37	6,625.20	-152.68	699.61	515.97	5.04	3.00	5.23
6,799.00	52.37	142.75	6,645.27	-172.34	714.93	540.83	8.25	7.53	4.31

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Survey Report



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6,831.00	54.30	144.18	6,664.38	-192.97	730.21	566.47	7.02	6.03	4.47
6,863.00	55.73	145.23	6,682.73	-214.37	745.35	592.68	5.21	4.47	3.28
6,895.00	58.51	146.10	6,700.10	-236.56	760.51	619.55	8.98	8.69	2.72
6,927.00	62.84	147.09	6,715.77	-259.84	775.86	647.44	13.80	13.53	3.09
6,959.00	65.19	147.76	6,729.79	-284.08	791.34	676.19	7.58	7.34	2.09
6,990.00	67.47	148.20	6,742.23	-308.15	806.40	704.57	7.47	7.35	1.42
7,022.00	70.89	148.62	6,753.60	-333.63	822.06	734.46	10.76	10.69	1.31
7,054.00	74.70	148.83	6,763.07	-359.75	837.93	764.99	11.92	11.91	0.66
7,086.00	78.53	149.40	6,770.47	-386.46	853.90	796.07	12.09	11.97	1.78
7,118.00	80.51	150.20	6,776.29	-413.66	869.73	827.48	6.66	6.19	2.50
7,150.00	81.86	150.05	6,781.20	-441.08	885.48	859.02	4.24	4.22	-0.47
7,181.00	84.22	150.17	6,784.95	-467.75	900.81	889.72	7.62	7.61	0.39
7,213.00	86.91	150.90	6,787.43	-495.53	916.50	921.53	8.71	8.41	2.28
7,245.00	87.68	150.87	6,788.94	-523.45	932.06	953.39	2.41	2.41	-0.09
7,277.00	88.39	150.96	6,790.03	-551.40	947.60	985.26	2.24	2.22	0.28
7,340.00	89.87	151.28	6,790.99	-606.56	978.03	1,048.02	2.40	2.35	0.51
7,404.00	90.20	152.56	6,790.95	-663.02	1,008.15	1,111.70	2.07	0.52	2.00
7,467.00	90.17	150.97	6,790.75	-718.53	1,037.95	1,174.41	2.52	-0.05	-2.52
7,531.00	88.99	150.05	6,791.22	-774.23	1,069.46	1,238.22	2.34	-1.84	-1.44
7,595.00	89.43	149.61	6,792.10	-829.56	1,101.62	1,302.09	0.97	0.69	-0.69
7,658.00	89.63	149.41	6,792.62	-883.84	1,133.58	1,364.98	0.45	0.32	-0.32
7,722.00	90.03	149.25	6,792.81	-938.89	1,166.23	1,428.89	0.67	0.63	-0.25
7,786.00	90.64	150.41	6,792.43	-994.22	1,198.39	1,492.76	2.05	0.95	1.81
7,849.00	91.04	150.95	6,791.51	-1,049.14	1,229.24	1,555.56	1.07	0.63	0.86
7,912.00	91.85	150.52	6,789.92	-1,104.08	1,260.03	1,618.34	1.46	1.29	-0.68
7,976.00	90.40	150.88	6,788.66	-1,159.88	1,291.34	1,682.13	2.33	-2.27	0.56
8,040.00	90.17	151.70	6,788.35	-1,216.01	1,322.08	1,745.88	1.33	-0.36	1.28
8,103.00	91.11	151.21	6,787.64	-1,271.35	1,352.19	1,808.61	1.68	1.49	-0.78
8,166.00	91.48	152.17	6,786.22	-1,326.80	1,382.05	1,871.30	1.63	0.59	1.52
8,230.00	90.50	152.69	6,785.11	-1,383.52	1,411.67	1,934.92	1.73	-1.53	0.81
8,294.00	90.54	152.61	6,784.53	-1,440.37	1,441.07	1,998.51	0.14	0.06	-0.13
8,357.00	90.13	152.42	6,784.16	-1,496.26	1,470.15	2,061.13	0.72	-0.65	-0.30
8,421.00	90.57	153.23	6,783.77	-1,553.19	1,499.38	2,124.70	1.44	0.69	1.27
8,484.00	90.47	153.79	6,783.20	-1,609.57	1,527.48	2,187.19	0.90	-0.16	0.89
8,547.00	90.57	153.93	6,782.63	-1,666.13	1,555.23	2,249.62	0.27	0.16	0.22
8,610.00	90.20	152.59	6,782.20	-1,722.39	1,583.58	2,312.14	2.21	-0.59	-2.13
8,674.00	90.47	151.83	6,781.83	-1,779.00	1,613.41	2,375.79	1.26	0.42	-1.19
8,738.00	89.73	151.11	6,781.72	-1,835.23	1,643.98	2,439.52	1.61	-1.16	-1.13
8,802.00	88.52	150.92	6,782.70	-1,891.21	1,674.99	2,503.29	1.91	-1.89	-0.30
8,866.00	89.40	151.34	6,783.86	-1,947.24	1,705.88	2,567.04	1.52	1.38	0.66
8,927.00	90.47	150.72	6,783.93	-2,000.61	1,735.43	2,627.82	2.03	1.75	-1.02
8,991.00	90.40	150.39	6,783.44	-2,056.34	1,766.89	2,691.64	0.53	-0.11	-0.52
9,055.00	90.27	150.59	6,783.07	-2,112.04	1,798.41	2,755.46	0.37	-0.20	0.31
9,119.00	91.85	151.26	6,781.88	-2,167.96	1,829.51	2,819.23	2.68	2.47	1.05



Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well 6H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Site:	Stone	MD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Well:	6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H 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)
9,182.00	92.25	151.70	6,779.63	-2,223.28	1,859.57	2,881.92	0.94	0.63	0.70
9,246.00	91.00	152.63	6,777.81	-2,279.85	1,889.44	2,945.55	2.43	-1.95	1.45
9,310.00	91.14	152.82	6,776.62	-2,336.72	1,918.76	3,009.13	0.37	0.22	0.30
9,373.00	91.24	152.92	6,775.31	-2,392.78	1,947.49	3,071.69	0.22	0.16	0.16
9,437.00	90.27	151.91	6,774.47	-2,449.50	1,977.12	3,135.31	2.19	-1.52	-1.58
9,501.00	89.70	150.88	6,774.48	-2,505.69	2,007.76	3,199.04	1.84	-0.89	-1.61
9,565.00	89.16	150.27	6,775.12	-2,561.43	2,039.20	3,262.85	1.27	-0.84	-0.95
9,628.00	90.94	150.47	6,775.07	-2,616.19	2,070.35	3,325.68	2.84	2.83	0.32
9,692.00	91.48	150.78	6,773.71	-2,671.95	2,101.73	3,389.48	0.97	0.84	0.48
9,756.00	90.50	151.11	6,772.61	-2,727.88	2,132.81	3,453.25	1.62	-1.53	0.52
9,819.00	90.64	151.16	6,771.98	-2,783.05	2,163.22	3,516.02	0.24	0.22	0.08
9,883.00	89.80	150.46	6,771.74	-2,838.92	2,194.43	3,579.81	1.71	-1.31	-1.09
9,946.00	90.07	150.22	6,771.81	-2,893.67	2,225.61	3,642.64	0.57	0.43	-0.38
10,010.00	89.87	149.93	6,771.84	-2,949.14	2,257.54	3,706.50	0.55	-0.31	-0.45
10,073.00	90.54	150.52	6,771.62	-3,003.82	2,288.82	3,769.34	1.42	1.06	0.94
10,137.00	89.90	151.26	6,771.37	-3,059.73	2,319.96	3,833.13	1.53	-1.00	1.16
10,201.00	90.03	152.86	6,771.41	-3,116.27	2,349.94	3,896.79	2.51	0.20	2.50
10,265.00	89.30	155.08	6,771.78	-3,173.77	2,378.03	3,960.20	3.65	-1.14	3.47
10,328.00	90.40	155.79	6,771.95	-3,231.07	2,404.22	4,022.39	2.08	1.75	1.13
10,392.00	90.94	155.55	6,771.20	-3,289.38	2,430.58	4,085.51	0.92	0.84	-0.38
10,455.00	90.74	153.32	6,770.28	-3,346.21	2,457.76	4,147.85	3.55	-0.32	-3.54
10,519.00	91.07	151.54	6,769.27	-3,402.93	2,487.38	4,211.47	2.83	0.52	-2.78
10,582.00	91.34	151.53	6,767.94	-3,458.30	2,517.40	4,274.18	0.43	0.43	-0.02
10,646.00	89.73	151.47	6,767.34	-3,514.54	2,547.94	4,337.90	2.52	-2.52	-0.09
10,710.00	89.93	151.64	6,767.53	-3,570.81	2,578.42	4,401.62	0.41	0.31	0.27
10,774.00	88.52	151.55	6,768.40	-3,627.10	2,608.86	4,465.33	2.21	-2.20	-0.14
10,835.00	89.63	151.35	6,769.38	-3,680.68	2,638.01	4,526.07	1.85	1.82	-0.33
10,898.00	89.93	151.05	6,769.63	-3,735.88	2,668.36	4,588.83	0.67	0.48	-0.48
10,961.00	89.40	151.91	6,769.99	-3,791.24	2,698.44	4,651.56	1.60	-0.84	1.37
11,025.00	90.13	153.16	6,770.26	-3,848.02	2,727.96	4,715.17	2.26	1.14	1.95
11,088.00	89.40	153.84	6,770.51	-3,904.40	2,756.07	4,777.66	1.58	-1.16	1.08
11,152.00	90.13	153.94	6,770.78	-3,961.87	2,784.23	4,841.09	1.15	1.14	0.16
11,215.00	89.66	153.67	6,770.89	-4,018.40	2,812.04	4,903.53	0.86	-0.75	-0.43
11,278.00	90.03	153.69	6,771.06	-4,074.87	2,839.97	4,966.00	0.59	0.59	0.03
11,340.00	89.40	152.10	6,771.37	-4,130.05	2,868.22	5,027.57	2.76	-1.02	-2.56
11,404.00	89.73	153.09	6,771.86	-4,186.87	2,897.68	5,091.17	1.63	0.52	1.55
11,468.00	88.93	153.33	6,772.61	-4,244.00	2,926.52	5,154.69	1.31	-1.25	0.38
11,531.00	90.07	154.51	6,773.16	-4,300.58	2,954.22	5,217.12	2.60	1.81	1.87
11,594.00	89.97	154.02	6,773.13	-4,357.33	2,981.57	5,279.50	0.79	-0.16	-0.78
11,657.00	89.46	152.70	6,773.45	-4,413.64	3,009.82	5,342.00	2.25	-0.81	-2.10
11,721.00	89.90	152.53	6,773.80	-4,470.46	3,039.26	5,405.60	0.74	0.69	-0.27
11,785.00	89.50	152.93	6,774.14	-4,527.35	3,068.58	5,469.19	0.88	-0.63	0.63
11,848.00	90.54	152.23	6,774.12	-4,583.27	3,097.59	5,531.80	1.99	1.65	-1.11



Survey Report



Company:	Stone Energy	Local Co-ordinate Reference:	Well 6H
Project:	Heather Prospect (NAD 27)	TVD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Site:	Stone	MD Reference:	GL 1215' & KB 18' @ 1233.00ft (Saxon 141)
Well:	6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H 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)
11,912.00	89.63	149.81	6,774.02	-4,639.25	3,128.60	5,595.57	4.04	-1.42	-3.78
11,976.00	88.79	147.66	6,774.90	-4,693.95	3,161.81	5,659.50	3.61	-1.31	-3.36
12,039.00	89.70	147.25	6,775.74	-4,747.05	3,195.69	5,722.47	1.58	1.44	-0.65
12,103.00	90.10	147.06	6,775.85	-4,800.82	3,230.41	5,786.47	0.69	0.63	-0.30
12,167.00	88.83	146.65	6,776.44	-4,854.40	3,265.40	5,850.46	2.09	-1.98	-0.64
12,199.00	89.26	146.68	6,776.98	-4,881.14	3,282.98	5,882.45	1.35	1.34	0.09
Last SDI MWD Survey									
12,256.00	89.26	146.68	6,777.71	-4,928.76	3,314.29	5,939.45	0.00	0.00	0.00
Projection to Bit									

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
103.00	102.99	-1.21	-0.19	First SDI Gyro Survey
2,455.30	2,455.23	-9.96	3.53	Last SDI Gyro Survey
2,509.00	2,508.93	-9.78	3.49	First SDI MWD Survey
12,199.00	6,776.98	-4,881.14	3,282.98	Last SDI MWD Survey
12,256.00	6,777.71	-4,928.76	3,314.29	Projection to Bit

Checked By: _____ Approved By: _____ Date: _____

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