

Company: Stone Energy	Local Co-ordinate Reference: Well Weekley et al Unit 1 #2H - Slot W#2H
Project: Mary Prospect	TVD Reference: Saxon 141 @ 745.0usft (18' RKB + 727' GL)
Site: Weekley Pad	MD Reference: Saxon 141 @ 745.0usft (18' RKB + 727' GL)
Well: Weekley et al Unit 1 #2H	North Reference: Grid
Wellbore: Original Well	Survey Calculation Method: Minimum Curvature
Design: As Drilled	Database: EDM-Chris Testa

Project Mary Prospect, 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 Weekley Pad		
Site Position:	Northing: 400,129.69 usft	Latitude: 39° 35' 29.589 N
From: Map	Easting: 1,639,770.43 usft	Longitude: 80° 46' 41.837 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: -0.82 °

Well Weekley et al Unit 1 #2H - Slot W#2H			
Well Position	+N/-S 0.0 usft	Northing: 400,142.40 usft	Latitude: 39° 35' 29.712 N
	+E/-W 0.0 usft	Easting: 1,639,754.98 usft	Longitude: 80° 46' 42.036 W
Position Uncertainty 0.0 usft		Wellhead Elevation: usft	Ground Level: 727.0 usft

Wellbore Original Well					
Magnetics	Model Name IGRF2010	Sample Date 03/01/12	Declination (°) -8.45	Dip Angle (°) 67.26	Field Strength (nT) 52,731

Design As Drilled				
Audit Notes:				
Version: 1.0	Phase: ACTUAL	Tie On Depth: 0.0		
Vertical Section:	Depth From (TVD) (usft) 0.0	+N/-S (usft) 0.0	+E/-W (usft) 0.0	Direction (°) 151.32

Survey Program	Date 03/23/12			
From (usft) 100.0	To (usft) 5,183.0	Survey (Wellbore) SDI Keeper Gyro (Original Well)	Tool Name SDI Standard Keeper 103	Description SDI Standard Wireline Keeper ver 1.0.3
5,237.0	10,317.0	SDI MWD (Original Well)	MWD SDI	MWD - Standard ver 1.0.1

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.21	72.21	100.0	0.1	0.2	0.0	0.21	0.21	0.00
200.0	0.21	78.95	200.0	0.1	0.5	0.1	0.02	0.00	6.74
300.0	0.08	92.93	300.0	0.2	0.8	0.2	0.13	0.13	13.98
400.0	0.06	115.19	400.0	0.2	0.9	0.3	0.03	0.02	22.26
500.0	0.04	113.13	500.0	0.1	1.0	0.4	0.02	-0.02	-2.06
600.0	0.08	130.01	600.0	0.1	1.1	0.5	0.04	0.04	16.38
700.0	0.14	108.44	700.0	0.0	1.2	0.6	0.07	0.06	-21.57
800.0	0.45	101.65	800.0	-0.1	1.7	1.0	0.31	0.31	6.78
900.0	0.49	94.96	900.0	-0.3	2.5	1.4	0.07	0.04	-6.69

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 WV Dept of Environmental Protection
 01/10/2014

Company:	Stone Energy	Local Co-ordinate Reference:	Well Weekley et al Unit 1 #2H - Slot W#2H
Project:	Mary Prospect	TVD Reference:	Saxon 141 @ 745.0usft (18' RKB + 727' GL)
Site:	Weekley Pad	MD Reference:	Saxon 141 @ 745.0usft (18' RKB + 727' GL)
Well:	Weekley et al Unit 1 #2H	North Reference:	Grid
Wellbore:	Original Well	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM-Chris Testa

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,000.0	0.24	101.39	1,000.0	-0.3	3.2	1.8	0.25	-0.25	6.43
1,100.0	0.51	97.66	1,100.0	-0.4	3.8	2.2	0.27	0.27	-3.73
1,200.0	0.45	104.87	1,200.0	-0.6	4.6	2.8	0.09	-0.06	7.21
1,300.0	0.44	108.63	1,300.0	-0.8	5.4	3.3	0.03	-0.01	3.76
1,400.0	0.48	108.68	1,400.0	-1.1	6.1	3.9	0.04	0.04	0.05
1,500.0	0.36	119.74	1,500.0	-1.4	6.8	4.5	0.14	-0.12	11.06
1,600.0	0.51	172.25	1,600.0	-2.0	7.1	5.2	0.41	0.15	52.51
1,700.0	0.43	165.34	1,700.0	-2.8	7.3	5.9	0.10	-0.08	-6.91
1,800.0	0.35	182.37	1,800.0	-3.4	7.4	6.6	0.14	-0.08	17.03
1,900.0	0.36	180.81	1,900.0	-4.1	7.4	7.1	0.01	0.01	-1.56
2,000.0	0.07	234.81	2,000.0	-4.4	7.3	7.4	0.32	-0.29	54.00
2,100.0	0.09	176.45	2,100.0	-4.5	7.3	7.5	0.08	0.02	-58.36
2,200.0	0.11	211.35	2,200.0	-4.7	7.2	7.6	0.06	0.02	34.90
2,300.0	0.73	185.44	2,300.0	-5.4	7.1	8.1	0.63	0.62	-25.91
2,400.0	1.82	198.83	2,399.9	-7.5	6.5	9.7	1.12	1.09	13.39
2,500.0	3.33	201.57	2,499.8	-11.7	5.0	12.7	1.51	1.51	2.74
2,600.0	4.44	208.00	2,599.6	-17.9	2.1	16.7	1.19	1.11	6.43
2,700.0	5.20	217.02	2,699.2	-24.9	-2.5	20.7	1.07	0.76	9.02
2,800.0	4.83	212.47	2,798.9	-32.1	-7.5	24.5	0.54	-0.37	-4.55
2,900.0	4.68	209.92	2,898.5	-39.2	-11.8	28.7	0.26	-0.15	-2.55
3,000.0	4.95	209.56	2,998.2	-46.4	-15.9	33.1	0.27	0.27	-0.36
3,100.0	4.91	209.93	3,097.8	-53.9	-20.2	37.6	0.05	-0.04	0.37
3,200.0	4.13	209.25	3,197.5	-60.8	-24.1	41.7	0.78	-0.78	-0.68
3,300.0	3.67	206.93	3,297.3	-66.7	-27.3	45.5	0.49	-0.46	-2.32
3,400.0	2.82	206.30	3,397.1	-71.8	-29.8	48.7	0.85	-0.85	-0.63
3,500.0	1.90	193.97	3,497.0	-75.6	-31.3	51.3	1.05	-0.92	-12.33
3,600.0	1.11	177.60	3,597.0	-78.2	-31.7	53.4	0.89	-0.79	-16.37
3,700.0	0.77	169.88	3,697.0	-79.8	-31.5	54.9	0.36	-0.34	-7.72
3,800.0	0.37	150.53	3,797.0	-80.8	-31.2	55.9	0.44	-0.40	-19.35
3,900.0	0.43	141.38	3,897.0	-81.3	-30.8	56.6	0.09	0.06	-9.15
4,000.0	0.43	128.26	3,997.0	-81.9	-30.3	57.3	0.10	0.00	-13.12
4,100.0	0.44	129.15	4,096.9	-82.3	-29.7	58.0	0.01	0.01	0.89
4,200.0	0.27	172.30	4,196.9	-82.8	-29.4	58.5	0.31	-0.17	43.15
4,300.0	0.20	296.78	4,296.9	-83.0	-29.5	58.6	0.42	-0.07	124.48
4,400.0	0.28	296.50	4,396.9	-82.8	-29.9	58.3	0.08	0.08	-0.28
4,500.0	0.23	316.83	4,496.9	-82.5	-30.3	57.9	0.10	-0.05	20.33
4,600.0	0.30	320.25	4,596.9	-82.2	-30.6	57.4	0.07	0.07	3.42
4,700.0	0.27	303.11	4,696.9	-81.9	-30.9	57.0	0.09	-0.03	-17.14
4,800.0	0.14	316.72	4,796.9	-81.6	-31.2	56.6	0.14	-0.13	13.61
4,900.0	0.19	338.56	4,896.9	-81.4	-31.3	56.4	0.08	0.05	21.84
5,000.0	0.34	341.17	4,996.9	-81.0	-31.5	55.9	0.15	0.15	2.61
5,100.0	0.30	325.66	5,096.9	-80.4	-31.8	55.3	0.10	-0.04	-15.51
5,200.0	0.55	335.88	5,196.9	-79.7	-32.1	54.6	0.26	0.25	10.02

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Wellbore:	Original Well	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM-Chris Testa

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,300.0	0.29	3.18	5,296.9	-79.0	-32.4	53.8	0.33	-0.27	27.30
5,400.0	0.12	42.05	5,396.9	-78.7	-32.7	53.3	0.21	-0.17	38.87
5,500.0	5.68	157.30	5,496.8	-82.5	-30.7	57.6	5.73	5.57	115.25
5,600.0	8.90	163.03	5,596.0	-94.2	-26.3	70.0	3.29	3.22	5.73
5,700.0	14.78	171.98	5,693.6	-115.3	-22.3	90.4	6.14	5.88	8.95
5,800.0	19.49	176.12	5,789.4	-143.6	-19.3	116.8	4.87	4.71	4.14
5,900.0	25.17	179.31	5,881.8	-181.7	-17.8	150.9	5.80	5.67	3.19
6,000.0	30.76	178.54	5,970.2	-228.4	-17.2	192.1	5.61	5.60	-0.77
6,100.0	37.26	178.59	6,053.2	-284.0	-15.5	241.8	6.50	6.50	0.05
6,200.0	44.07	180.28	6,129.2	-349.0	-14.9	299.0	6.90	6.81	1.68
6,300.0	50.31	179.77	6,197.1	-422.3	-15.1	363.2	6.26	6.25	-0.51
6,400.0	55.53	179.84	6,256.8	-502.5	-15.0	433.6	5.21	5.21	0.07
6,500.0	60.22	176.60	6,310.5	-586.7	-13.0	508.5	5.44	4.69	-3.24
6,600.0	65.54	169.47	6,356.0	-674.9	-1.5	591.4	8.28	5.32	-7.13
6,700.0	72.41	164.16	6,391.8	-765.8	19.6	681.2	8.47	6.88	-5.31
6,800.0	77.86	159.01	6,417.2	-857.4	50.3	776.4	7.37	5.44	-5.14
6,900.0	82.86	153.92	6,434.3	-948.0	88.9	874.4	7.09	5.01	-5.10
7,000.0	85.69	147.91	6,443.7	-1,034.9	137.5	973.9	6.61	2.83	-6.00
7,100.0	88.69	145.44	6,448.4	-1,118.0	192.8	1,073.4	3.88	2.99	-2.48
7,200.0	90.74	143.54	6,449.1	-1,199.6	250.6	1,172.7	2.79	2.05	-1.90
7,300.0	91.58	143.17	6,447.1	-1,279.9	310.2	1,271.7	0.91	0.84	-0.37
7,400.0	92.10	142.25	6,443.7	-1,359.4	370.7	1,370.5	1.06	0.53	-0.92
7,500.0	91.02	141.30	6,441.2	-1,437.9	432.6	1,469.1	1.45	-1.09	-0.96
7,600.0	90.84	141.42	6,439.6	-1,515.7	495.4	1,567.5	0.21	-0.17	0.12
7,700.0	90.59	143.22	6,438.4	-1,595.0	556.3	1,666.3	1.82	-0.26	1.80
7,800.0	90.32	143.96	6,437.5	-1,675.5	615.7	1,765.4	0.78	-0.27	0.73
7,900.0	89.33	144.99	6,437.8	-1,756.9	673.7	1,864.7	1.43	-0.99	1.03
8,000.0	89.47	145.52	6,439.0	-1,838.8	731.1	1,964.1	0.54	0.14	0.53
8,100.0	90.10	146.99	6,439.3	-1,922.0	786.5	2,063.7	1.60	0.63	1.48
8,200.0	90.21	148.41	6,439.0	-2,006.5	840.1	2,163.5	1.42	0.11	1.42
8,300.0	90.75	149.25	6,438.2	-2,092.1	891.6	2,263.4	1.00	0.54	0.84
8,400.0	91.17	148.78	6,436.7	-2,178.0	942.9	2,363.3	0.63	0.41	-0.48
8,500.0	90.59	146.77	6,435.2	-2,262.3	996.6	2,463.1	2.09	-0.58	-2.01
8,600.0	90.10	146.29	6,434.4	-2,345.9	1,051.6	2,562.7	0.68	-0.49	-0.48
8,700.0	89.95	144.92	6,434.6	-2,428.4	1,108.0	2,662.2	1.38	-0.15	-1.37
8,800.0	89.79	144.30	6,434.7	-2,509.8	1,166.1	2,761.5	0.64	-0.17	-0.62
8,900.0	89.15	143.89	6,435.2	-2,590.8	1,224.7	2,860.7	0.76	-0.64	-0.41
9,000.0	88.18	143.68	6,437.8	-2,671.5	1,283.7	2,959.8	0.99	-0.97	-0.22
9,100.0	88.96	142.72	6,440.4	-2,751.4	1,343.8	3,058.8	1.23	0.78	-0.95
9,200.0	89.56	141.80	6,441.7	-2,830.5	1,405.0	3,157.5	1.10	0.60	-0.92
9,300.0	90.23	141.21	6,441.9	-2,908.8	1,467.2	3,256.1	0.90	0.67	-0.60
9,400.0	91.47	141.70	6,440.3	-2,986.7	1,529.8	3,354.5	1.34	1.24	0.49
9,500.0	91.06	142.99	6,437.7	-3,065.9	1,590.8	3,453.2	1.35	-0.41	0.62

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Wellbore:	Original Well	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM-Chris Testa

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Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,600.0	89.33	144.99	6,437.2	-3,146.8	1,649.7	3,552.4	2.64	-1.73	2.00
9,700.0	88.26	145.14	6,439.8	-3,228.8	1,706.7	3,651.8	1.09	-1.07	0.15
9,800.0	89.39	146.10	6,441.7	-3,311.3	1,763.2	3,751.3	1.49	1.13	0.96
9,900.0	89.34	147.74	6,442.7	-3,395.2	1,817.7	3,851.0	1.64	-0.05	1.64
10,000.0	88.19	147.64	6,444.6	-3,479.9	1,870.9	3,950.8	1.16	-1.15	-0.10
10,100.0	89.49	147.51	6,446.6	-3,564.1	1,924.7	4,050.5	1.30	1.30	-0.13
10,200.0	89.71	148.34	6,447.0	-3,648.8	1,977.8	4,150.4	0.86	0.22	0.83
10,300.0	89.26	148.11	6,448.1	-3,733.8	2,030.5	4,250.2	0.50	-0.45	-0.23
10,317.0	89.26	148.11	6,448.3	-3,748.2	2,039.5	4,267.2	0.00	0.00	0.00