

Company: Stone Energy	Local Co-ordinate Reference: Well Weekley et al Unit 1 #3H - Slot W#3H
Project: Mary Prospect	TVD Reference: Saxon 141 @ 745.0usft (18' DF + 727' GL)
Site: Weekley Pad	MD Reference: Saxon 141 @ 745.0usft (18' DF + 727' GL)
Well: Weekley et al Unit 1 #3H	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:	From: Map	Northing: 400,129.69 usft	Latitude: 39° 35' 29.589 N
Position Uncertainty: 0.0 usft	Easting: 1,639,770.43 usft	Slot Radius: 13-3/16 "	Longitude: 80° 46' 41.837 W
			Grid Convergence: -0.82 °

Well: Weekley et al Unit 1 #3H - Slot W#3H			
Well Position:	+N/-S: 0.0 usft	Northing: 400,145.85 usft	Latitude: 39° 35' 29.750 N
	+E/-W: 0.0 usft	Easting: 1,639,781.88 usft	Longitude: 80° 46' 41.693 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 (°): 107.32

Survey Program:	Date: 03/23/12		
From (usft): 100.0	To (usft): 5,144.8 SDI Keeper Gyro (Original Well)	Tool Name: SDI Standard Keeper 103	Description: SDI Standard Wireline Keeper ver 1.0.3
5,196.0	10,830.0 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	0.74	182.15	100.0	-0.6	0.0	0.2	0.74	0.74	0.00
200.0	0.71	176.17	200.0	-1.9	0.0	0.6	0.08	0.03	5.98
300.0	0.43	184.91	300.0	-2.9	0.0	0.9	0.29	-0.28	8.74
400.0	0.28	201.53	400.0	-3.5	-0.1	0.9	0.18	-0.15	16.62
500.0	0.41	191.64	500.0	-4.1	-0.3	0.9	0.14		9.89
600.0	0.46	172.66	600.0	-4.8	-0.3	1.1	0.15	0.05	-18.98
700.0	0.48	172.88	700.0	-5.6	-0.2	1.5	0.02	0.02	0.22
800.0	0.76	154.26	800.0	-6.7	0.1	2.1	0.34	0.28	18.02
900.0	0.91	139.41	900.0	-7.9	0.9	3.2	0.26	-0.15	14.65

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 03/31/2013
 01/10/2014

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Wellbore: Original Well	Survey Calculation Method: Minimum Curvature
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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	0.65	139.08	999.9	-8.9	1.8	4.4	0.26	-0.26	-0.33
1,100.0	0.36	166.18	1,099.9	-9.6	2.3	5.0	0.37	-0.29	27.10
1,200.0	0.33	208.53	1,199.9	-10.2	2.2	5.1	0.25	-0.03	42.35
1,300.0	0.29	231.89	1,299.9	-10.6	1.9	4.9	0.13	-0.04	23.36
1,400.0	0.19	211.97	1,399.9	-10.9	1.6	4.8	0.13	-0.10	-19.92
1,500.0	0.00	0.00	1,499.9	-11.0	1.5	4.7	0.19	-0.19	148.03
1,600.0	0.08	317.37	1,599.9	-11.0	1.5	4.7	0.08	0.08	-42.63
1,700.0	0.45	239.91	1,699.9	-11.1	1.1	4.3	0.44	0.37	-77.46
1,800.0	0.41	229.68	1,799.9	-11.5	0.5	3.9	0.09	-0.04	-10.23
1,900.0	0.33	238.97	1,899.9	-11.9	-0.1	3.5	0.10	-0.08	9.29
2,000.0	0.22	313.26	1,999.9	-11.9	-0.4	3.1	0.34	-0.11	74.29
2,100.0	0.57	323.47	2,099.9	-11.4	-0.9	2.6	0.36	0.35	10.21
2,200.0	0.95	334.68	2,199.9	-10.3	-1.5	1.6	0.41	0.38	11.21
2,300.0	1.08	48.20	2,299.9	-8.9	-1.2	1.5	1.22	0.13	73.52
2,400.0	1.66	80.38	2,399.9	-8.0	0.9	3.3	0.94	0.58	32.18
2,500.0	2.50	98.32	2,499.8	-8.1	4.5	6.7	1.05	0.84	17.94
2,600.0	3.20	110.02	2,599.7	-9.4	9.3	11.7	0.91	0.70	11.70
2,700.0	4.38	105.42	2,699.5	-11.3	15.6	18.3	1.22	1.18	-4.60
2,800.0	5.15	105.00	2,799.1	-13.5	23.6	26.6	0.77	0.77	-0.42
2,900.0	5.08	106.20	2,898.7	-15.9	32.2	35.5	0.13	-0.07	1.20
3,000.0	4.72	106.04	2,998.4	-18.3	40.4	44.0	0.36	-0.36	-0.16
3,100.0	4.60	105.37	3,098.0	-20.5	48.2	52.2	0.13	-0.12	-0.67
3,200.0	4.65	101.10	3,197.7	-22.3	56.1	60.2	0.35	0.05	-4.27
3,300.0	4.52	100.07	3,297.4	-23.8	63.9	68.1	0.15	-0.13	-1.03
3,400.0	4.70	102.74	3,397.1	-25.4	71.8	76.1	0.28	0.18	2.67
3,500.0	4.81	103.92	3,496.7	-27.3	79.9	84.4	0.15	0.11	1.18
3,600.0	4.68	108.51	3,596.4	-29.6	87.8	92.7	0.40	-0.13	4.59
3,700.0	4.13	114.79	3,696.1	-32.4	95.0	100.3	0.73	-0.55	6.28
3,800.0	3.72	118.36	3,795.8	-35.5	101.1	107.1	0.48	-0.41	3.57
3,900.0	2.92	117.63	3,895.7	-38.2	106.2	112.7	0.80	-0.80	-0.73
4,000.0	2.23	118.17	3,995.6	-40.3	110.2	117.2	0.69	-0.69	0.54
4,100.0	2.23	105.67	4,095.5	-41.7	113.8	121.0	0.49	0.00	-12.50
4,200.0	1.90	103.06	4,195.4	-42.6	117.2	124.6	0.34	-0.33	-2.61
4,300.0	1.52	101.32	4,295.4	-43.3	120.2	127.6	0.38	-0.38	-1.74
4,400.0	1.24	97.60	4,395.4	-43.7	122.5	130.0	0.29	-0.28	-3.72
4,500.0	1.10	98.93	4,495.3	-44.0	124.6	132.0	0.14	-0.14	1.33
4,600.0	0.95	113.50	4,595.3	-44.4	126.3	133.8	0.30	0.15	14.57
4,700.0	0.92	119.98	4,695.3	-45.2	127.7	135.4	0.11	-0.03	6.48
4,800.0	1.02	122.40	4,795.3	-46.0	129.2	137.0	0.11	0.10	2.42
4,900.0	1.10	126.15	4,895.3	-47.1	130.7	138.8	0.11	0.08	3.75
5,000.0	1.58	108.84	4,995.3	-48.1	132.8	141.1	0.62	0.48	-17.31
5,100.0	1.69	114.08	5,095.2	-49.1	135.4	143.9	0.19	0.11	5.24
5,200.0	1.30	110.62	5,195.2	-50.1	137.9	146.5	0.40	-0.39	3.38

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Well:	Weekley et al Unit 1 #3H	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)
5,300.0	1.28	115.90	5,295.2	-51.0	139.9	148.8	0.12	-0.02	5.28
5,400.0	0.98	115.30	5,395.1	-51.9	141.8	150.8	0.30	-0.30	-0.60
5,500.0	2.76	105.89	5,495.1	-52.8	144.0	153.1	1.80	1.78	-9.41
5,600.0	8.45	103.68	5,594.6	-55.2	153.6	163.0	5.69	5.69	-2.21
5,700.0	13.58	106.18	5,692.7	-59.8	172.1	182.1	5.16	5.14	2.49
5,800.0	19.55	107.73	5,788.5	-68.5	199.2	210.6	5.98	5.96	1.55
5,900.0	26.20	104.39	5,880.7	-78.9	236.3	249.1	6.78	6.66	-3.35
6,000.0	33.86	103.79	5,967.1	-90.8	285.1	299.2	7.66	7.66	-0.60
6,100.0	41.00	106.48	6,046.6	-106.5	343.6	359.7	7.32	7.14	2.69
6,200.0	45.58	109.05	6,118.8	-127.8	409.4	428.8	4.91	4.58	2.57
6,300.0	50.87	109.84	6,186.0	-152.7	479.1	502.8	5.33	5.30	0.79
6,400.0	55.83	109.74	6,245.3	-179.9	554.8	583.2	4.96	4.96	-0.10
6,500.0	60.85	108.71	6,298.1	-208.1	634.9	668.0	5.09	5.01	-1.03
6,600.0	67.06	107.12	6,342.5	-235.8	720.0	757.6	6.37	6.21	-1.59
6,700.0	73.61	108.13	6,375.0	-263.6	810.4	852.1	6.62	6.55	1.02
6,800.0	77.98	111.68	6,399.5	-296.4	901.5	948.9	5.56	4.37	3.55
6,900.0	81.24	116.35	6,417.3	-336.6	991.3	1,046.6	5.63	3.26	4.66
7,000.0	83.49	121.51	6,430.3	-384.4	1,078.1	1,143.7	5.59	2.25	5.17
7,100.0	85.49	124.76	6,440.3	-438.4	1,161.7	1,239.5	3.80	2.01	3.25
7,200.0	88.60	128.32	6,445.8	-497.3	1,242.3	1,334.0	4.72	3.11	3.56
7,300.0	89.51	131.80	6,447.2	-562.4	1,318.1	1,425.8	3.60	0.91	3.48
7,400.0	90.25	131.40	6,447.5	-628.9	1,392.9	1,516.9	0.83	0.74	-0.40
7,500.0	89.20	131.49	6,448.0	-695.0	1,467.8	1,608.2	1.05	-1.04	0.09
7,600.0	88.07	131.71	6,450.5	-761.4	1,542.6	1,699.3	1.15	-1.13	0.21
7,700.0	88.74	131.19	6,453.4	-827.8	1,617.3	1,790.4	0.84	0.66	-0.51
7,800.0	90.57	133.28	6,454.1	-894.6	1,691.7	1,881.3	2.77	1.83	2.08
7,900.0	90.61	133.90	6,452.4	-964.2	1,763.5	1,970.5	0.63	0.04	0.62
8,000.0	90.89	133.43	6,450.8	-1,033.1	1,835.9	2,060.2	0.55	0.28	-0.47
8,100.0	90.79	132.16	6,449.5	-1,101.3	1,909.1	2,150.4	1.28	-0.10	-1.27
8,200.0	91.73	132.18	6,447.4	-1,168.3	1,983.3	2,241.1	0.94	0.94	0.03
8,300.0	91.37	131.96	6,444.6	-1,235.4	2,057.4	2,331.8	0.43	-0.36	-0.23
8,400.0	91.05	131.49	6,442.1	-1,301.8	2,132.1	2,422.9	0.56	-0.31	-0.46
8,500.0	91.08	131.34	6,439.9	-1,367.9	2,207.1	2,514.2	0.16	0.02	-0.16
8,600.0	89.78	131.67	6,439.4	-1,434.1	2,282.0	2,605.5	1.34	-1.30	0.33
8,700.0	91.01	132.09	6,438.7	-1,501.0	2,356.4	2,696.3	1.31	1.23	0.43
8,800.0	90.51	131.65	6,436.9	-1,567.8	2,430.7	2,787.2	0.67	-0.50	-0.44
8,900.0	90.11	130.92	6,437.0	-1,633.7	2,506.0	2,878.7	0.83	-0.40	-0.73
9,000.0	89.53	129.31	6,436.9	-1,698.3	2,582.3	2,970.8	1.71	-0.58	-1.61
9,100.0	89.71	128.69	6,438.2	-1,760.8	2,660.3	3,063.9	0.64	-0.48	-0.62
9,200.0	89.76	130.43	6,438.4	-1,824.6	2,737.4	3,156.4	1.74	0.05	1.74
9,300.0	89.01	130.10	6,439.5	-1,889.5	2,813.4	3,248.3	0.82	-0.75	-0.43
9,400.0	88.94	130.43	6,441.6	-1,954.2	2,889.6	3,340.3	0.34	-0.07	0.33
9,500.0	88.59	130.67	6,443.5	-2,019.1	2,965.7	3,432.2	0.42	-0.35	0.14

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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	89.59	131.62	6,444.9	-2,084.6	3,041.3	3,523.9	1.38	0.99	0.95
9,700.0	90.50	132.20	6,444.6	-2,151.6	3,115.5	3,614.7	1.08	0.91	0.58
9,800.0	89.36	131.98	6,444.7	-2,218.7	3,189.6	3,705.5	1.16	-1.14	-0.22
9,900.0	89.75	130.89	6,445.4	-2,284.6	3,264.8	3,796.8	1.16	0.39	-1.09
10,000.0	90.21	131.66	6,445.8	-2,350.5	3,340.0	3,888.3	0.89	0.45	0.77
10,100.0	90.75	131.13	6,444.5	-2,416.9	3,414.7	3,979.4	0.76	0.54	-0.53
10,200.0	90.81	130.33	6,443.4	-2,482.0	3,490.7	4,071.2	0.80	0.06	-0.80
10,300.0	90.17	131.11	6,442.9	-2,546.8	3,566.8	4,163.2	1.00	-0.64	0.78
10,400.0	91.01	132.21	6,441.8	-2,613.4	3,641.4	4,254.2	1.39	0.84	1.11
10,500.0	90.78	133.97	6,440.1	-2,681.4	3,714.7	4,344.5	1.77	-0.23	1.75
10,600.0	88.88	134.87	6,440.5	-2,751.7	3,785.9	4,433.3	2.11	-1.90	0.91
10,700.0	89.51	135.39	6,442.5	-2,822.4	3,856.6	4,521.8	0.82	0.63	0.52
10,800.0	90.27	135.98	6,442.4	-2,894.1	3,926.2	4,609.7	0.96	0.76	0.59
10,830.0	90.27	135.98	6,442.2	-2,915.6	3,947.1	4,636.1	0.00	0.00	0.00