

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: October 30, 2013
API #: 47-103-02691

**REVISED FOR
COMPLETION**

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley #4H

LOCATION: Elevation: 727' Quadrangle: Porters Falls

District: Green County: Wetzel
Latitude: 12,170 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 8,000 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>6000 Hampton Center, Suite B</u> <u>Morgantown, WV 26505</u>	<u>20"</u>	<u>42'</u>	<u>42'</u>	<u>GTS</u>
Agent: <u>Tim McGregor</u>	<u>13.375"</u>	<u>696'</u>	<u>696'</u>	<u>690 - CTS</u>
Inspector: <u>Derek Haught</u>	<u>9.625"</u>	<u>2,157'</u>	<u>2,157'</u>	<u>1,024 - CTS</u>
Date Permit Issued: <u>8/5/2011, 8/15/2011, 3/8/2012</u>	<u>5.5"</u>		<u>12,310'</u>	<u>3,005</u>
Date Well Work Commenced: <u>4/8/2012</u>	<u>2.375"</u>		<u>6,680'</u>	
Date Well Work Completed: <u>8/24/2012</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6,437</u>				
Total Measured Depth (ft): <u>12,350</u>				
Fresh Water Depth (ft.): <u>93</u>				
Salt Water Depth (ft.): <u>1,775</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>117, 183, 210, 230, and 525</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 6,710' to 12,221'

Gas: Initial open flow 490 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 5,070 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 254 Hours

Static rock Pressure 2,210 psig (surface pressure) after 1 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

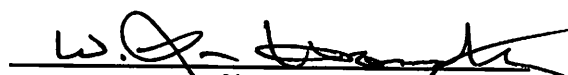
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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

01/10/2014



10/30/2013

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 21 intervals from 12,221' to 6,710'. Performed 21 individual stages of slick water stimulation using 7,494,514 gals fresh water, Sand - 866,160 lbs 100 Mesh and 7,435,300 lbs 40/70. AvBDP = 6,321 psi, AvTP = 7,436 psi, AvMTP = 9,065 psi, AvInjRate = 81.3 bpm, and AvISIP = 4,370 psi.

See Attachment for FracFocus information.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached sheet for formations encountered and their depths.

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WEEKLEY #4H
API 47-103-02691
Stone Energy Corporation

	Horizontal			Bottom (ft	
	Top (ft TVD)	Top (ft MD)		TVD)	MD)
Sandstone & Shale	Surface		*	117	FW @ 93'
Coal	117			119	
Sandstone & Shale	119			183	
Coal	183			186	
Sandstone & Shale	186			210	
Coal	210			213	
Sandstone & Shale	213			230	
Coal	230			233	
Sandstone & Shale	233			525	
Pittsburgh Coal	525		*	531	
Sandstone & Shale	531		*	1992	SW @ 1775'
Little Lime	1680		*	1710	
Big Lime	1710		*	1810	
Big Injun	1810		*	1868	
Sandstone & Shale	1686		*	2340	
Berea sandstone	2340		*	2351	
Shale	2351		*	2538	
Gordon	2538		*	2543	
Undiff Devonian Shale	2543		*	5731	5766
Rhinestreet	5731	5766	~	6119	6164
Cashaqua	6119	6164	~	6235	6299
Middlesex	6235	6299	~	6251	6322
West River	6251	6322	~	6322	6332
Geneseo	6322	6332	~	6340	6460
Tully limestone	6340	6460	~	6374	6527
Hamilton	6374	6527	~	6422	6647
Marcellus	6422	6647	~	6437	12350
TD	6437	12350			

* From Pilot Hole Log and Driller's Log

~ From MWD Gamma Log

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Hydraulic Fracturing Fluid Product Component Information Disclosure

103-02691

Fracture Date:	7/1/2012
State:	West Virginia
County/Parish:	Wetzel County
API Number:	4710302691
Operator Name:	Stone Energy
Well Name and Number:	Weekley 4H
Longitude:	-80.7783
Latitude:	39.59163
Long/Lat Projection:	NAD27
Production Type:	Gas
True Vertical Depth (TVD):	6436
Total Water Volume (gal):	7494514

Hydraulic Fracturing Fluid Composition

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
YF100, Slickwater	Schlumberger	Corrosion Inhibitor, Bactericide, Scale Inhibitor, Surfactant, Acid, Breaker, Gelling Agent, Friction Reducer, Iron Control Agent, Clay Control Agent, Fluid Loss Additive, Propping	Water (Including Mix Water Supplied by Client)*	-		88.14641%	
			Crystalline silica	14808-60-7	98.68418%	11.69761%	
			Hydrochloric acid	7647-01-0	0.68654%	0.08138%	
			Carbohydrate polymer	Proprietary	0.34684%	0.04111%	
			Ammonium sulfate	Proprietary	0.17587%	0.02085%	
			Polyethylene glycol monoethyl ether	31726-34-8	0.06360%	0.00754%	
			Glutaraldehyde	111-30-8	0.04527%	0.00537%	
			Diammonium peroxodisulphate	7727-54-0	0.02301%	0.00273%	
			Calcium chloride	10043-52-4	0.01021%	0.00121%	
			Amine derivative	Proprietary	0.00625%	0.00074%	
			Trisodium ortho phosphate	7601-54-9	0.00536%	0.00063%	
			Ethane-1,2-diol	107-21-1	0.00536%	0.00063%	
			Sodium erythorbate	6381-77-7	0.00360%	0.00043%	
			Methanol	67-56-1	0.00284%	0.00034%	
			Aliphatic acids	Proprietary	0.00213%	0.00025%	
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.00213%	0.00025%	
			Prop-2-yn-1-ol	107-19-7	0.00071%	0.00008%	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Report ID: RPT-8823 (Generated on 11/30/2012 10:26 AM)

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(j) and Appendix D.

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SDI
Survey Report



Company: Stone Energy	Local Co-ordinate Reference:	Well Weekley et al Unit 1 #4H - Slot W#4H
Project: Mary Prospect	TVD Reference:	Saxon 141 @ 745.0usft (18' DF + 727' GL)
Site: Weekley Pad(Complete)	MD Reference:	Saxon 141 @ 745.0usft (18' DF + 727' GL)
Well: Weekley et al Unit 1 #4H	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(Complete)				
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 #4H - Slot W#4H					
Well Position	+N/-S	0.0 usft	Northing:	400,158.80 usft	Latitude:	39° 35' 29.876 N
	+E/-W	0.0 usft	Easting:	1,639,766.40 usft	Longitude:	80° 46' 41.893 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	727.0 usft	

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

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	328.55	

Survey Program	Date	04/27/12			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
99.0	5,361.6	SDI Keeper Gyro (Original Well)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3	
5,388.0	12,350.0	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)
100.0	0.58	213.77	100.0	-0.4	-0.3	-0.2	0.00	0.00	0.00
200.0	0.65	171.24	200.0	-1.4	-0.5	-0.9	0.45	-0.07	27.31
300.0	0.52	154.43	300.0	-2.4	-0.2	-1.9	0.21	-0.13	-16.81
400.0	0.71	167.59	400.0	-3.4	0.1	-3.0	0.23	0.19	13.16
500.0	0.40	169.58	500.0	-4.3	0.3	-3.9	0.31	0.31	1.99
600.0	0.33	174.31	600.0	-5.0	0.4	-4.5	0.08	-0.07	4.73
700.0	0.13	201.62	700.0	-5.3	0.4	-4.8	0.22	-0.20	27.31
800.0	0.84	116.47	800.0	-5.8	1.0	-5.5	0.84	0.77	-85.15
900.0	2.94	86.95	899.9	-6.0	4.2	-7.3	2.25	2.11	19.71
1,000.0	4.37	74.82	999.7	-4.8	10.5	-9.6	1.61	1.42	-12.13

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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)
1,100.0	6.11	67.56	1,099.3	-1.8	19.1	-11.5	1.86	1.74	-7.26
1,200.0	7.44	56.06	1,198.6	3.8	29.4	-12.1	1.89	1.32	-11.50
1,300.0	9.09	50.70	1,297.5	12.4	40.8	-10.7	1.82	1.65	-5.37
1,400.0	9.26	43.53	1,396.3	23.3	52.5	-7.6	1.15	0.16	-7.17
1,500.0	11.23	26.96	1,494.7	37.8	62.5	-0.3	3.53	1.98	-16.57
1,600.0	11.82	19.13	1,592.7	56.2	70.2	11.3	1.67	0.59	-7.83
1,700.0	12.01	15.11	1,690.5	75.9	76.3	24.9	0.85	0.18	-4.02
1,800.0	12.55	13.05	1,788.2	96.5	81.5	39.8	0.70	0.55	-2.06
1,900.0	12.95	11.80	1,885.8	118.1	86.2	55.7	0.48	0.39	-1.25
2,000.0	13.73	3.10	1,983.1	140.9	89.2	73.7	2.15	0.78	-8.70
2,100.0	14.41	355.38	2,080.1	165.1	88.8	94.5	2.00	0.69	-7.72
2,200.0	15.59	353.35	2,176.7	190.9	86.2	117.9	1.29	1.18	-2.03
2,300.0	14.77	353.03	2,273.2	216.9	83.1	141.7	0.82	-0.82	-0.32
2,400.0	12.25	354.97	2,370.4	240.1	80.6	162.8	2.57	-2.53	1.95
2,500.0	10.16	1.17	2,468.5	259.5	79.9	179.7	2.41	-2.09	6.20
2,600.0	7.82	3.58	2,567.3	275.1	80.5	192.7	2.36	-2.33	2.41
2,700.0	5.32	0.21	2,666.6	286.6	80.9	202.3	2.53	-2.50	-3.36
2,800.0	2.76	1.14	2,766.3	293.6	81.0	208.2	2.57	-2.57	0.93
2,900.0	1.51	7.30	2,866.3	297.3	81.2	211.3	1.27	-1.25	6.15
3,000.0	0.66	59.05	2,966.3	298.9	81.9	212.3	1.22	-0.85	51.75
3,100.0	0.66	75.29	3,066.3	299.4	82.9	212.1	0.19	0.00	16.24
3,200.0	0.47	271.39	3,166.3	299.5	83.1	212.2	1.12	-0.19	-163.90
3,300.0	0.50	256.05	3,266.2	299.4	82.2	212.5	0.13	0.03	-15.34
3,400.0	0.46	221.95	3,366.2	299.0	81.5	212.5	0.28	-0.04	-34.10
3,500.0	0.66	223.61	3,466.2	298.3	80.9	212.3	0.20	0.20	1.66
3,600.0	0.56	217.58	3,566.2	297.5	80.2	212.0	0.12	-0.10	-6.03
3,700.0	0.72	209.06	3,666.2	296.6	79.6	211.5	0.19	0.16	-8.52
3,800.0	1.12	212.61	3,766.2	295.2	78.7	210.7	0.40	0.40	3.54
3,900.0	1.17	226.81	3,866.2	293.6	77.5	210.1	0.29	0.05	14.20
4,000.0	1.03	259.81	3,966.2	292.8	75.8	210.2	0.64	-0.14	33.00
4,100.0	0.46	21.93	4,066.2	293.0	75.1	210.8	1.33	-0.57	122.12
4,200.0	0.42	22.95	4,166.2	293.7	75.4	211.2	0.05	-0.04	1.02
4,300.0	0.08	131.00	4,266.2	294.0	75.6	211.4	0.45	-0.33	108.05
4,400.0	0.41	173.92	4,366.2	293.6	75.7	211.0	0.36	0.33	42.92
4,500.0	0.64	174.61	4,466.2	292.7	75.8	210.1	0.23	0.23	0.69
4,600.0	0.80	191.48	4,566.2	291.4	75.7	209.1	0.26	-0.16	16.87
4,700.0	0.86	181.36	4,666.1	290.0	75.5	208.0	0.16	0.06	10.12
4,800.0	0.31	296.44	4,766.1	289.4	75.3	207.6	1.03	-0.55	115.08
4,900.0	0.30	301.58	4,866.1	289.6	74.8	208.1	0.03	-0.01	5.14
5,000.0	0.28	268.65	4,966.1	289.8	74.3	208.4	0.17	0.02	32.93
5,100.0	0.17	306.01	5,066.1	289.8	74.0	208.7	0.18	-0.11	37.36
5,200.0	0.84	12.30	5,166.1	290.7	74.0	209.3	0.79	0.67	66.29
5,300.0	0.69	17.29	5,266.1	291.9	74.4	210.3	0.17	-0.15	32.93

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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)
5,400.0	1.21	296.69	5,366.1	292.9	73.8	211.4	1.29	0.53	-80.60
5,500.0	2.68	294.43	5,466.1	294.2	70.7	214.1	1.46	1.46	-2.25
5,600.0	3.19	299.13	5,565.9	296.7	65.9	218.8	0.57	0.51	4.70
5,700.0	3.84	302.46	5,665.8	299.5	61.1	223.6	0.68	0.65	3.33
5,800.0	5.39	303.44	5,765.4	303.9	54.4	230.9	1.55	1.55	0.98
5,900.0	8.04	302.72	5,864.8	310.1	44.8	241.2	2.64	2.64	-0.72
6,000.0	10.85	304.85	5,963.4	319.2	31.1	256.1	2.84	2.82	2.13
6,100.0	17.98	319.84	6,060.3	335.7	13.5	279.3	7.99	7.13	14.99
6,200.0	28.02	325.01	6,152.4	366.8	-9.4	317.8	10.23	10.04	5.17
6,300.0	39.98	327.24	6,235.5	412.8	-40.3	373.2	12.02	11.96	2.23
6,400.0	50.87	327.54	6,304.4	473.5	-79.3	445.4	10.89	10.89	0.30
6,500.0	60.30	326.51	6,361.1	542.5	-124.1	527.5	9.47	9.43	-1.03
6,600.0	67.11	327.42	6,405.9	617.1	-173.2	616.8	6.86	6.81	0.91
6,700.0	78.58	327.66	6,435.8	697.6	-224.2	712.1	11.47	11.46	0.24
6,800.0	87.17	326.07	6,446.4	780.9	-278.2	811.4	8.74	8.59	-1.59
6,900.0	88.79	325.56	6,449.9	863.3	-334.8	911.1	1.70	1.62	-0.50
7,000.0	91.52	323.61	6,449.6	945.3	-392.0	1,011.0	3.35	2.73	-1.95
7,100.0	91.80	320.85	6,446.3	1,024.1	-453.4	1,110.2	2.78	0.28	-2.76
7,200.0	91.50	320.45	6,443.5	1,101.1	-517.2	1,209.2	0.50	-0.30	-0.40
7,300.0	90.94	321.40	6,441.7	1,178.7	-580.3	1,308.3	1.10	-0.55	0.95
7,400.0	90.42	323.48	6,440.5	1,258.0	-641.2	1,407.7	2.15	-0.53	2.09
7,500.0	90.25	324.25	6,439.6	1,338.6	-700.3	1,507.3	0.78	-0.17	0.77
7,600.0	89.46	324.60	6,439.8	1,420.1	-758.3	1,607.1	0.87	-0.79	0.35
7,700.0	89.08	324.34	6,441.4	1,501.3	-816.5	1,706.8	0.45	-0.37	-0.25
7,800.0	89.80	325.01	6,442.4	1,582.8	-874.5	1,806.6	0.97	0.71	0.66
7,900.0	89.84	327.07	6,442.6	1,665.7	-930.5	1,906.5	2.07	0.04	2.07
8,000.0	90.95	327.12	6,441.5	1,749.9	-984.4	2,006.4	1.11	1.11	0.05
8,100.0	88.55	326.49	6,441.7	1,833.4	-1,039.3	2,106.4	2.48	-2.40	-0.63
8,200.0	88.06	327.01	6,444.9	1,917.1	-1,094.1	2,206.3	0.71	-0.49	0.52
8,300.0	88.42	326.77	6,448.1	2,000.8	-1,148.7	2,306.2	0.44	0.37	-0.24
8,400.0	89.15	327.02	6,450.2	2,084.5	-1,203.3	2,406.1	0.76	0.72	0.26
8,500.0	89.73	325.91	6,451.2	2,168.0	-1,258.3	2,506.0	1.26	0.58	-1.12
8,600.0	89.70	325.72	6,451.6	2,250.5	-1,314.9	2,605.9	0.18	-0.03	-0.18
8,700.0	89.20	326.04	6,452.2	2,333.2	-1,371.1	2,705.8	0.60	-0.50	0.32
8,800.0	88.75	326.30	6,454.1	2,416.3	-1,426.7	2,805.7	0.52	-0.46	0.26
8,900.0	88.80	326.79	6,456.5	2,499.6	-1,481.9	2,905.6	0.50	0.06	0.49
9,000.0	88.78	327.85	6,458.7	2,583.6	-1,536.2	3,005.5	1.06	0.02	1.06
9,100.0	89.73	328.07	6,460.1	2,668.8	-1,588.5	3,105.5	0.98	0.95	0.21
9,200.0	89.95	328.65	6,460.4	2,753.9	-1,640.9	3,205.5	0.63	0.22	0.59
9,300.0	90.25	328.85	6,460.2	2,839.4	-1,692.8	3,305.5	0.36	0.30	0.19
9,400.0	90.70	329.22	6,459.3	2,925.4	-1,743.9	3,405.5	0.59	0.45	0.38
9,500.0	88.29	327.62	6,459.9	3,010.5	-1,796.3	3,505.5	2.89	-2.41	-1.60
9,600.0	88.39	327.18	6,463.7	3,094.8	-1,850.0	3,605.4	0.45	0.11	0.44

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Company:	Stone Energy	Local Co-ordinate Reference:	Well Weekley et al Unit 1 #4H - Slot W#4H
Project:	Mary Prospect	TVD Reference:	Saxon 141 @ 745.0usft (18' DF + 727' GL)
Site:	Weekley Pad(Complete)	MD Reference:	Saxon 141 @ 745.0usft (18' DF + 727' GL)
Well:	Weekley et al Unit 1 #4H	North Reference:	Grid
Wellbore:	Original Well	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	EDM-Chris Testa

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)
9,700.0	90.31	326.60	6,464.8	3,178.4	-1,904.8	3,705.3	2.00	1.92	-0.58
9,800.0	91.18	327.21	6,463.2	3,262.1	-1,959.5	3,805.3	1.06	0.87	0.61
9,900.0	90.02	326.93	6,462.5	3,346.1	-2,013.7	3,905.3	1.20	-1.16	-0.28
10,000.0	89.29	327.34	6,463.0	3,430.0	-2,068.2	4,005.2	0.84	-0.73	0.41
10,100.0	89.21	328.33	6,464.2	3,514.6	-2,121.6	4,105.2	0.99	-0.08	0.99
10,200.0	90.25	327.95	6,464.7	3,599.6	-2,174.3	4,205.2	1.11	1.04	-0.38
10,300.0	89.91	328.48	6,464.4	3,684.5	-2,227.0	4,305.2	0.63	-0.33	0.53
10,400.0	91.16	328.26	6,463.2	3,769.7	-2,279.3	4,405.2	1.26	1.24	-0.23
10,500.0	90.37	327.82	6,461.7	3,854.5	-2,332.3	4,505.2	0.90	-0.79	-0.44
10,600.0	90.04	327.38	6,461.0	3,938.8	-2,386.2	4,605.1	0.55	-0.33	-0.44
10,700.0	90.64	326.66	6,460.8	4,022.8	-2,440.4	4,705.1	0.93	0.60	-0.72
10,800.0	90.77	326.52	6,459.2	4,106.2	-2,495.6	4,805.0	0.19	0.13	-0.14
10,900.0	90.62	325.82	6,457.9	4,189.3	-2,551.2	4,904.9	0.72	-0.15	-0.70
11,000.0	90.93	325.21	6,457.1	4,271.7	-2,607.8	5,004.8	0.68	0.31	-0.60
11,100.0	92.10	325.45	6,454.2	4,353.8	-2,664.8	5,104.6	1.19	1.17	0.23
11,200.0	91.58	325.94	6,450.8	4,436.4	-2,721.0	5,204.4	0.71	-0.52	0.49
11,300.0	92.38	328.30	6,447.3	4,520.6	-2,774.9	5,304.3	2.50	0.80	2.37
11,400.0	91.52	330.58	6,443.4	4,606.5	-2,825.9	5,404.2	2.43	-0.86	2.27
11,500.0	89.00	331.57	6,443.3	4,694.2	-2,873.9	5,504.1	2.71	-2.52	1.00
11,600.0	89.94	331.14	6,444.4	4,782.0	-2,921.8	5,604.0	1.03	0.94	-0.43
11,700.0	89.52	331.03	6,444.5	4,869.5	-2,970.2	5,703.9	0.43	-0.42	-0.11
11,800.0	89.39	330.18	6,445.2	4,956.8	-3,019.0	5,803.8	0.86	-0.12	-0.85
11,900.0	90.10	329.15	6,446.2	5,042.9	-3,069.7	5,903.8	1.25	0.71	-1.03
12,000.0	90.64	327.63	6,445.4	5,128.2	-3,121.9	6,003.8	1.62	0.54	-1.52
12,100.0	91.47	326.98	6,443.6	5,212.2	-3,176.1	6,103.7	1.05	0.83	-0.65
12,200.0	90.95	327.54	6,441.4	5,296.0	-3,230.7	6,203.6	0.77	-0.53	0.56
12,300.0	92.04	327.11	6,438.7	5,380.2	-3,284.5	6,303.6	1.17	1.09	-0.43
12,350.0	92.04	327.11	6,437.0	5,422.2	-3,311.7	6,353.5	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

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