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 #: 47-103-02695

REVISED FOR COMPLETION

Farm name: Weekley, Larry I. & Donna S. Operator Well No.: Weekley #8H

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: 6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Morgantown, WV 26505	20"	95'	95'	GTS
Agent: Tim McGregor	13.375"	692'	692'	843 - CTS
Inspector: Derek Haught	9.625"	2,177'	2,177'	945 - CTS
Date Permit Issued: 8/10/2011	5.5"		11,509'	2,755
Date Well Work Commenced: 9/29/2011	2.875"		6,942'	
Date Well Work Completed: 8/12/2012				
Verbal Plugging:	1st Plug Back from 2,985' to 1,800'			
Date Permission granted on:	2nd Plug Back from 2,300' to 1,800'			
Rotary ☑ Cable ☐ Rig ☐		See Details on Page Two		
Total Vertical Depth (ft): 6,464				
Total Measured Depth (ft): 11,509				
Fresh Water Depth (ft.): 105				
Salt Water Depth (ft.): 817				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 587				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation Marcellus Pay zone depth (ft) 7,107' TO 11,435'
Gas: Initial open flow 490 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 4,250 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 223 Hours
Static rock Pressure 2,168 psig (surface pressure) after 9 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

RECEIVED
Office of Oil and Gas
OCT 31 2013
WV Department of Environmental Protection

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.

10/30/2013

01/10/2014

103-02695

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 17 intervals from 11,435' to 7,107'. Performed 17 individual stages of slick water stimulation using 5,921,867 gals fresh water, Sand - 698,200 lbs 100 Mesh and 6,066,860 lbs 40/70. AvBDP = 6,362 psi, AvTP = 7,307 psi, AvMTP = 9,041 psi, AvInjRate = 81.5 bpm, and AvISIP = 4,131 psi.

See Attachment for FracFocus information.

Plug Back Details Including Plug Type and Depth(s): 1st kick off plug from 2,985' to 2,104' pumped 3/13/2012. Set with 380 sacks Class H (@ 15.8 ppg) cement is two lifts. 2nd kick off plug from 2,300' to 1,844' pumped on 3/22/2012. Set with 196 sacks Class A (@ 16.0 ppg) cement.

Formations Encountered: Surface: Top Depth / Bottom Depth

See attached sheet for formations encountered and their depths.

103-02695

WEEKLEY #8H
API 47-103-02695
Stone Energy Corporation
Horizontal

	Top (ft TVD)	Top (ft MD)		Bottom (ft TVD)	Bottom (ft MD)	
Sandstone & Shale	Surface		*	587		FW @ 105'
Pittsburgh Coal	587		*	592		
Sandstone & Shale	592		*	1992		SW @ 817'
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		*	5685	5820	
Rhinestreet	5685	5820	~	6115	6290	
Cashaqua	6115	6290	~	6228	6438	
Middlesex	6228	6438	~	6252	6474	
West River	6252	6474	~	6318	6582	
Geneseo	6318	6582	~	6344	6634	
Tully limestone	6344	6634	~	6376	7002	
Hamilton	6376	7002	~	6418	6820	
Marcellus	6418	6820	~	6464	11509	
TD	6464	11509				

* From Pilot Hole Log and Driller's Log
~ From MWD Gamma Log

Hydraulic Fracturing Fluid Product Component Information Disclosure

103-02695

Fracture Date:	7/1/2012
State:	West Virginia
County/Parish:	Wetzel County
API Number:	4710302695
Operator Name:	Stone Energy
Well Name and Number:	Weekley 8H
Longitude:	-80.77836
Latitude:	39.59167
Long/Lat Projection:	NAD27
Production Type:	Gas
True Vertical Depth (TVD):	6465
Total Water Volume (gal)*:	5921867

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)*	-		87.20622%	
			Crystalline silica	14808-60-7	98.82731%	12.64374%	
			Hydrochloric acid	7647-01-0	0.69865%	0.08938%	
			Ammonium sulfate	Proprietary	0.18070%	0.02312%	
			Carbohydrate polymer	Proprietary	0.17174%	0.02197%	
			Polyethylene glycol monohexyl ether	31726-34-8	0.05437%	0.00696%	
			Glutaraldehyde	111-30-8	0.04538%	0.00581%	
			Amine derivative	Proprietary	0.01657%	0.00212%	
			Diammonium peroxidisulphate	7727-54-0	0.01168%	0.00149%	
			Calcium chloride	10043-52-4	0.01082%	0.00138%	
			Trisodium ortho phosphate	7601-54-9	0.00463%	0.00059%	
			Ethane-1,2-diol	107-21-1	0.00463%	0.00059%	
			Sodium erythorbate	6381-77-7	0.00343%	0.00044%	
			Methanol	67-56-1	0.00244%	0.00031%	
			Aliphatic acids	Proprietary	0.00183%	0.00023%	
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.00183%	0.00023%	
			Prop-2-yn-1-ol	107-19-7	0.00061%	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-8827 (Generated on 11/30/2012 10:28 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(i) and Appendix D.

103.02695

Scientific Drilling

SDI
Survey Report

STONE ENERGY

Company:	Stone Energy	**Local Co-ordinate Reference:**	Well Weekley et al Unit 1 #8H - Slot W#8HST02
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 #8H	**North Reference:**	Grid
Wellbore:	ST02	**Survey Calculation Method:**	Minimum Curvature
Design:	ST02 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 #8H - Slot W#8HST02

Well Position	**+N/-S**	0.0 usft	**Northing:**	400,171.63 usft	**Latitude:**	39° 35' 30.000 N
	+E/-W	0.0 usft	**Easting:**	1,639,751.04 usft	**Longitude:**	80° 46' 42.092 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	usft	**Ground Level:**	727.0 usft

Wellbore ST02

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	03/21/12	-8.46	67.26	52,730

Design ST02 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	337.85

Survey Program Date 04/13/12

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	4,364.0	SDI Keeper Gyro (ST02)	SDI Standard Keeper 103	SDI Standard Wireline Keeper ver 1.0.3
4,439.0	11,509.0	SDI MWD (ST02)	MWD SDI	MWD - Standard ver 1.0.1

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.56	232.37	100.0	-0.3	-0.4	-0.1	0.56	0.56	0.00
200.0	0.42	194.31	200.0	-1.0	-0.9	-0.6	0.35	-0.14	-38.06
300.0	0.38	193.32	300.0	-1.6	-1.0	-1.1	0.04	-0.04	-0.99
400.0	0.20	181.81	400.0	-2.1	-1.1	-1.6	0.19	-0.18	-11.51
500.0	0.16	187.81	500.0	-2.4	-1.1	-1.8	0.04	-0.04	6.00
600.0	0.16	216.24	600.0	-2.7	-1.2	-2.0	0.08	0.00	28.43
700.0	0.28	213.20	700.0	-3.0	-1.5	-2.2	0.12	0.12	-3.04
800.0	0.32	218.19	800.0	-3.4	-1.8	-2.5	0.05	0.04	4.99
900.0	0.33	158.49	900.0	-3.9	-1.8	-2.9	0.32	0.01	-59.70

01/10/2014

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Wellbore:	ST02	**Survey Calculation Method:**	Minimum Curvature
Design:	ST02 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	0.19	185.77	1,000.0	-4.4	-1.7	-3.4	0.18	-0.14	27.28
1,100.0	0.48	180.83	1,100.0	-4.9	-1.8	-3.9	0.29	0.29	-4.94
1,200.0	0.58	208.99	1,200.0	-5.8	-2.0	-4.6	0.28	0.10	28.16
1,300.0	0.53	212.76	1,300.0	-6.6	-2.5	-5.2	0.06	-0.05	3.77
1,400.0	0.44	223.05	1,400.0	-7.3	-3.0	-5.6	0.12	-0.09	10.29
1,500.0	0.53	202.92	1,500.0	-8.0	-3.5	-6.1	0.19	0.09	-20.13
1,600.0	0.64	201.72	1,600.0	-8.9	-3.9	-6.8	0.11	0.11	-1.20
1,700.0	0.94	197.89	1,700.0	-10.2	-4.3	-7.9	0.30	0.30	-3.83
1,800.0	1.18	209.21	1,799.9	-11.9	-5.1	-9.1	0.32	0.24	11.32
1,900.0	1.17	204.11	1,899.9	-13.8	-6.0	-10.5	0.11	-0.01	-5.10
2,000.0	0.92	187.44	1,999.9	-15.5	-6.5	-11.9	0.39	-0.25	-16.67
2,100.0	0.97	154.90	2,099.9	-17.0	-6.3	-13.4	0.53	0.05	-32.54
2,200.0	2.64	127.32	2,199.9	-19.3	-5.1	-15.9	1.84	1.67	-27.58
2,300.0	6.75	85.60	2,299.5	-20.5	3.1	-20.1	5.09	4.11	-41.71
2,400.0	8.18	63.53	2,398.5	-16.9	16.3	-21.8	3.18	1.42	-22.08
2,500.0	7.93	52.32	2,497.5	-8.9	28.0	-18.8	1.59	-0.25	-11.21
2,600.0	7.35	59.99	2,596.6	-1.5	38.9	-16.0	1.17	-0.58	7.68
2,700.0	6.68	56.15	2,695.9	4.8	49.4	-14.2	0.82	-0.68	-3.85
2,800.0	7.41	57.52	2,795.1	11.5	59.6	-11.8	0.76	0.74	1.37
2,900.0	7.30	54.42	2,894.3	18.7	70.5	-9.2	0.41	-0.11	-3.10
3,000.0	8.29	51.70	2,993.3	26.7	81.5	-6.0	1.06	0.99	-2.72
3,100.0	9.21	46.05	3,092.2	36.8	92.9	-0.9	1.26	0.92	-5.66
3,200.0	9.52	43.09	3,190.8	48.4	104.2	5.5	0.57	0.30	-2.95
3,300.0	10.83	41.00	3,289.3	61.6	116.0	13.3	1.37	1.31	-2.10
3,400.0	10.64	41.68	3,387.5	75.7	128.4	21.7	0.23	-0.19	0.68
3,500.0	11.23	40.59	3,485.7	89.9	140.9	30.2	0.62	0.59	-1.09
3,600.0	12.11	38.81	3,583.6	105.4	153.8	39.7	0.95	0.88	-1.78
3,700.0	12.86	37.25	3,681.3	122.3	167.1	50.3	0.82	0.75	-1.56
3,800.0	14.04	34.73	3,778.6	141.1	180.7	62.6	1.32	1.18	-2.53
3,900.0	15.66	33.28	3,875.2	162.3	194.9	76.8	1.66	1.62	-1.44
4,000.0	16.83	30.97	3,971.2	186.0	209.9	93.2	1.34	1.17	-2.32
4,100.0	18.00	28.65	4,066.6	212.0	224.8	111.6	1.36	1.17	-2.31
4,200.0	19.27	28.72	4,161.3	240.3	239.9	132.1	1.27	1.27	0.07
4,300.0	19.50	30.62	4,255.6	269.1	256.6	152.6	0.67	0.23	1.90
4,400.0	19.62	28.24	4,349.9	298.4	272.9	173.5	0.81	0.12	-2.38
4,500.0	19.61	27.55	4,444.0	328.1	288.6	195.1	0.23	-0.01	-0.69
4,600.0	18.31	29.39	4,538.6	356.6	304.2	215.6	1.43	-1.30	1.85
4,700.0	17.50	28.66	4,633.8	383.3	319.1	234.7	0.84	-0.81	-0.73
4,800.0	18.42	29.62	4,729.0	410.2	334.1	253.9	0.96	0.92	0.96
4,900.0	19.03	29.06	4,823.7	438.1	349.8	273.9	0.64	0.62	-0.57
5,000.0	19.76	29.92	4,917.9	467.2	366.3	294.6	0.78	0.73	0.87
5,100.0	18.67	29.24	5,012.4	495.7	382.5	315.0	1.11	-1.09	-0.68
5,200.0	19.30	28.48	5,107.0	524.0	398.1	335.2	0.67	0.63	-0.76

01/10/2014

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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)
5,300.0	20.45	30.27	5,201.0	553.6	415.0	356.3	1.30	1.15	1.79
5,400.0	21.17	28.47	5,294.5	584.5	432.5	378.4	0.96	0.72	-1.80
5,500.0	21.13	28.51	5,387.8	616.3	449.7	401.3	0.04	-0.04	0.04
5,600.0	20.96	29.69	5,481.1	647.6	467.3	423.7	0.46	-0.18	1.18
5,700.0	20.67	29.24	5,574.5	678.7	484.6	445.9	0.32	-0.28	-0.45
5,800.0	20.01	29.47	5,668.3	708.9	501.6	467.5	0.67	-0.67	0.23
5,900.0	20.25	30.04	5,762.3	738.7	518.6	488.7	0.31	0.24	0.57
6,000.0	20.81	24.42	5,855.9	769.6	535.4	511.0	2.05	0.57	-5.62
6,100.0	23.73	3.73	5,948.6	806.1	542.9	542.0	8.32	2.92	-20.68
6,200.0	28.94	358.69	6,038.4	850.0	544.2	582.1	5.66	5.21	-5.04
6,300.0	35.65	351.60	6,122.9	903.1	539.5	633.1	7.69	6.71	-7.09
6,400.0	42.61	347.01	6,200.5	965.0	527.7	694.8	7.54	6.96	-4.59
6,500.0	50.23	344.70	6,269.0	1,035.5	509.9	766.8	7.80	7.62	-2.31
6,600.0	57.97	340.86	6,327.6	1,112.8	486.0	847.5	8.34	7.74	-3.84
6,700.0	65.41	336.25	6,375.3	1,194.6	454.1	935.2	8.48	7.44	-4.62
6,800.0	71.87	334.59	6,411.7	1,279.1	415.2	1,028.2	6.64	6.46	-1.66
6,900.0	79.94	333.94	6,435.9	1,366.4	373.0	1,125.0	8.09	8.07	-0.64
7,000.0	88.32	330.76	6,445.7	1,454.4	326.8	1,223.9	8.96	8.38	-3.18
7,100.0	89.73	330.26	6,446.9	1,541.3	277.3	1,323.1	1.49	1.41	-0.50
7,200.0	89.67	330.14	6,447.2	1,628.1	227.7	1,422.2	0.13	-0.06	-0.12
7,300.0	89.74	329.78	6,447.5	1,714.8	177.7	1,521.2	0.37	0.07	-0.36
7,400.0	89.42	328.85	6,448.4	1,800.8	126.7	1,620.1	0.98	-0.32	-0.93
7,500.0	89.57	328.05	6,449.0	1,886.1	74.5	1,718.8	0.81	0.15	-0.80
7,600.0	89.83	327.93	6,449.5	1,970.8	21.4	1,817.3	0.29	0.26	-0.12
7,700.0	89.12	326.93	6,450.2	2,055.3	-32.1	1,915.7	1.23	-0.72	-1.00
7,800.0	89.41	326.02	6,451.4	2,138.6	-87.3	2,013.7	0.96	0.30	-0.91
7,900.0	89.91	326.00	6,452.2	2,221.4	-143.4	2,111.6	0.49	0.49	-0.02
8,000.0	90.93	325.90	6,451.0	2,304.6	-198.9	2,209.5	1.03	1.03	-0.10
8,100.0	89.90	324.47	6,450.4	2,386.5	-256.2	2,307.0	1.77	-1.03	-1.43
8,200.0	90.19	324.50	6,449.9	2,468.0	-314.2	2,404.3	0.29	0.29	0.03
8,300.0	89.94	324.60	6,449.7	2,549.4	-372.3	2,501.6	0.26	-0.24	0.10
8,400.0	88.44	324.86	6,451.0	2,631.1	-430.0	2,599.0	1.52	-1.50	0.26
8,500.0	87.94	325.23	6,454.5	2,712.9	-487.4	2,696.4	0.63	-0.50	0.37
8,600.0	88.78	325.39	6,457.3	2,795.2	-544.1	2,794.0	0.85	0.84	0.16
8,700.0	88.73	325.97	6,459.7	2,877.8	-600.3	2,891.8	0.59	-0.05	0.58
8,800.0	88.20	326.97	6,462.4	2,961.1	-655.7	2,989.8	1.14	-0.53	1.00
8,900.0	89.02	328.07	6,464.9	3,045.4	-709.3	3,088.1	1.37	0.82	1.10
9,000.0	89.72	327.92	6,465.6	3,130.3	-762.2	3,186.7	0.72	0.71	-0.16
9,100.0	89.33	327.93	6,466.7	3,215.0	-815.4	3,285.1	0.40	-0.40	0.01
9,200.0	90.27	329.05	6,466.7	3,300.3	-867.5	3,383.8	1.46	0.94	1.12
9,300.0	89.16	328.95	6,467.1	3,386.1	-918.9	3,482.7	1.11	-1.11	-0.09
9,400.0	89.88	328.66	6,468.1	3,471.6	-970.7	3,581.4	0.78	0.72	-0.29
9,500.0	89.85	327.63	6,468.2	3,556.6	-1,023.4	3,680.0	1.04	-0.03	-1.03

Company:	Stone Energy	**Local Co-ordinate Reference:**	Well Weekley et al Unit 1 #8H - Slot W#8HST02
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 #8H	**North Reference:**	Grid
Wellbore:	ST02	**Survey Calculation Method:**	Minimum Curvature
Design:	ST02 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)
9,600.0	91.08	327.72	6,467.7	3,640.9	-1,077.2	3,778.4	1.23	1.23	0.09
9,700.0	91.03	327.38	6,465.2	3,725.4	-1,130.5	3,876.8	0.34	-0.04	-0.34
9,800.0	90.17	326.65	6,464.7	3,809.2	-1,185.2	3,974.9	1.13	-0.86	-0.73
9,900.0	89.85	326.06	6,464.8	3,892.4	-1,240.6	4,072.9	0.67	-0.32	-0.59
10,000.0	89.75	325.46	6,465.1	3,975.1	-1,296.9	4,170.7	0.61	-0.11	-0.60
10,100.0	89.80	325.08	6,465.9	4,057.1	-1,354.1	4,268.2	0.38	0.05	-0.38
10,200.0	89.48	325.47	6,466.3	4,139.3	-1,411.0	4,365.8	0.51	-0.32	0.39
10,300.0	88.99	324.91	6,467.7	4,221.6	-1,467.8	4,463.5	0.75	-0.49	-0.57
10,400.0	89.81	324.66	6,468.6	4,303.2	-1,525.6	4,560.8	0.86	0.82	-0.25
10,500.0	89.41	324.89	6,469.2	4,384.9	-1,583.3	4,658.2	0.46	-0.40	0.23
10,600.0	90.33	324.91	6,469.2	4,466.6	-1,641.0	4,755.7	0.92	0.92	0.02
10,700.0	90.70	325.43	6,468.4	4,548.7	-1,698.1	4,853.2	0.64	0.37	0.52
10,800.0	90.89	327.21	6,466.5	4,631.7	-1,753.8	4,951.1	1.79	0.19	1.78
10,900.0	90.63	327.96	6,465.2	4,716.2	-1,807.2	5,049.5	0.79	-0.26	0.75
11,000.0	89.78	328.83	6,464.9	4,801.4	-1,859.6	5,148.2	1.22	-0.85	0.87
11,100.0	90.33	328.16	6,464.8	4,886.7	-1,911.8	5,246.8	0.87	0.55	-0.67
11,200.0	90.24	328.26	6,464.2	4,971.6	-1,964.7	5,345.4	0.13	-0.09	0.10
11,300.0	89.95	327.84	6,464.0	5,056.4	-2,017.6	5,443.9	0.50	-0.28	-0.41
11,400.0	89.62	327.48	6,464.3	5,140.9	-2,071.1	5,542.4	0.49	-0.33	-0.36
11,500.0	89.43	327.34	6,465.3	5,225.1	-2,125.0	5,640.7	0.24	-0.19	-0.14
11,509.0	89.43	327.34	6,465.3	5,232.7	-2,129.9	5,649.5	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

01/10/2014