

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised August 1, 2011					
					1. WELL API NO. 30-025-40995					
					2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN					
					3. State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)					5. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT					
					6. Well Number: 432					
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator CHEVRON U.S.A. INC.					9. OGRID 4323					
10. Address of Operator 15 SMITH ROAD MIDLAND, TEXAS 79705					11. Pool name or Wildcat VACUUM GRAYBURG SAN ANDRES					
RECEIVED										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	30	17S	35E		740	SOUTH	1445	EAST	LEA
BH:										
13. Date Spudded 09/04/2013		14. Date T.D. Reached 09/12/2013		15. Date Rig Released 09/20/2013		16. Date Completed (Ready to Produce) 09/18/2013		17. Elevations (DF and RKB, RT, GR, etc.) 3980' GR		
18. Total Measured Depth of Well 5122'			19. Plug Back Measured Depth 5122'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run MRIL XL GR DSN-CSNG-SDLT-BSAT-MSFL-DLL-SP		
22. Producing Interval(s), of this completion - Top, Bottom, Name 4433-4813 GRAYBURG SAN ANDRES										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
11.75		42		1580		14.75		1035 SX		
8.625		32		3215		11		750 SX		
5.5		17		5088		7.875		1150 SX		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN						
25. TUBING RECORD										
SIZE	DEPTH SET		PACKER SET							
2 7/8"	4999'									
26. Perforation record (interval, size, and number) 4433-37,4444-48,4452-56,4461-74,4619-23,4627-31,4715-19,4722-36, 4768-78,4803-13										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4433-4813 ACIDIZE W/20,000 GALS 15% ACID										
28. PRODUCTION										
Date First Production 09/18/2013		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 09/25/2013	Hours Tested 24	Choke Size	65	Oil - Bbl 91	Gas - MCF 755	Water - Bbl. 1081	Gas - Oil Ratio 11532			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						30. Test Witnessed By				
31. List Attachments SURVEY										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude					Longitude			NAD 1927 1983		

Kc

JUN 23 2014

Signature  Printed Name DENISE PINKERTON Title Regulatory Specialist Date: 12/16/2013
E-mail Address leakejd@chevron.com

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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0	1554		SAND, RED BEDS					
1554	1685		ANHYDRITE					
1685	2834		SALT, ANHYDRITE					
2834	3162		SAND, ANHYDRITE					
3162	3727		DOLOMITE, ANHYDRITE, SAND					
3727	4072		DOLOMITE, ANHYDRITE, SAND					
4072	TD		DOLOMITE					

CVZ #432

Chevron

Lea County, NM (NAD27 NME)
Central Vacuum Unit
CVU #432
OH

HOBBS OCD

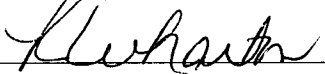
DEC 23 2013

RECEIVED

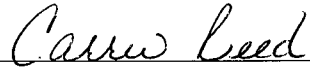
Survey: MWD - assumed vertical @ 1500'

SDI Survey Report

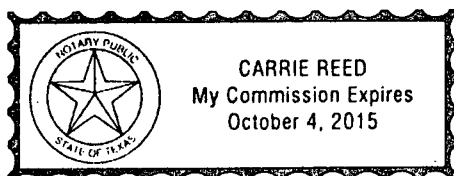
This survey is correct to the best of my knowledge and is supported by actual field data.



Notarized this date 17th of October, 2013.



Notary Signature
County of Midland
State of Texas



SDI
SDI Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well CVU #432
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 4005.0usft (Original Well Elev)
Site:	Central Vacuum Unit	MD Reference:	WELL @ 4005.0usft (Original Well Elev)
Well:	CVU #432	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH - Job #320913-MPD-915	Database:	EDM-Regulatory

Project	Lea County, NM (NAD27 NME), Lea County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Central Vacuum Unit			
Site Position:		Northing:	653,747.80 usft	Latitude:	32° 47' 40.462 N
From:	Map	Easting:	751,278.80 usft	Longitude:	103° 30' 56.247 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.44 °

Well	CVU #432					
Well Position	+N/-S	0.0 usft	Northing:	656,027.40 usft	Latitude:	32° 48' 2.472 N
	+E/-W	0.0 usft	Easting:	758,306.40 usft	Longitude:	103° 29' 33.714 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,980.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2012	9/5/2013			

Design		OH - Job #320913-MPD-915		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	99.36

Survey Program	Date	10/10/2013			
From	To	Survey (Wellbore)	Tool Name	Description	
(usft)	(usft)				
1,541.0	3,215.0	MWD - assumed vertical @ 1500' (OH)	MWD	MWD - Standard ISCWSA	

Survey								
MD	Inc	Azi (azimuth)	TVD	N/S	E/W	Closure Azimuth	Closure Distance	
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(°)	(usft)	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.0	
1,541.0	8.88	94.79	1,540.8	-0.3	3.2	94.79	3.2	
1,641.0	8.88	94.79	1,639.6	-1.6	18.5	94.79	18.6	
1,731.0	7.12	95.67	1,728.8	-2.7	31.0	94.95	31.1	
1,821.0	5.98	98.22	1,818.2	-3.9	41.2	95.42	41.4	
1,911.0	5.54	101.03	1,907.7	-5.4	50.1	96.16	50.4	
2,001.0	5.19	100.68	1,997.3	-7.0	58.4	96.83	58.8	
2,091.0	5.10	100.77	2,087.0	-8.5	66.3	97.30	66.8	
2,181.0	5.01	100.68	2,176.6	-10.0	74.1	97.66	74.8	
2,271.0	4.13	98.22	2,266.3	-11.2	81.2	97.83	81.9	
2,361.0	3.61	101.65	2,356.1	-12.2	87.1	97.97	88.0	
2,451.0	2.55	109.47	2,446.0	-13.4	91.8	98.33	92.8	

SDI
SDI Survey Report

Company:	Chevron	Local Co-ordinate Reference:	Well CVU #432
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	WELL @ 4005.0usft (Original Well Elev)
Site:	Central Vacuum Unit	MD Reference:	WELL @ 4005.0usft (Original Well Elev)
Well:	CVU #432	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH - Job #320913-MPD-915	Database:	EDM-Regulatory

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Azimuth (°)	Closure Distance (usft)	
2,542.0	2.73	107.54	2,536.9	-14.8	95.8	98.76	96.9	
2,632.0	2.64	103.14	2,626.8	-15.9	99.8	99.04	101.1	
2,722.0	2.73	95.94	2,716.7	-16.6	104.0	99.06	105.3	
2,812.0	2.55	96.64	2,806.6	-17.0	108.1	98.95	109.5	
2,902.0	2.37	96.20	2,896.5	-17.5	112.0	98.86	113.3	
2,992.0	1.49	107.10	2,986.5	-18.0	114.9	98.90	116.3	
3,082.0	1.49	108.59	3,076.4	-18.7	117.2	99.08	118.6	
3,158.0	1.49	109.29	3,152.4	-19.4	119.0	99.24	120.6	
3,215.0	1.49	108.59	3,209.4	-19.8	120.4	99.36	122.0	

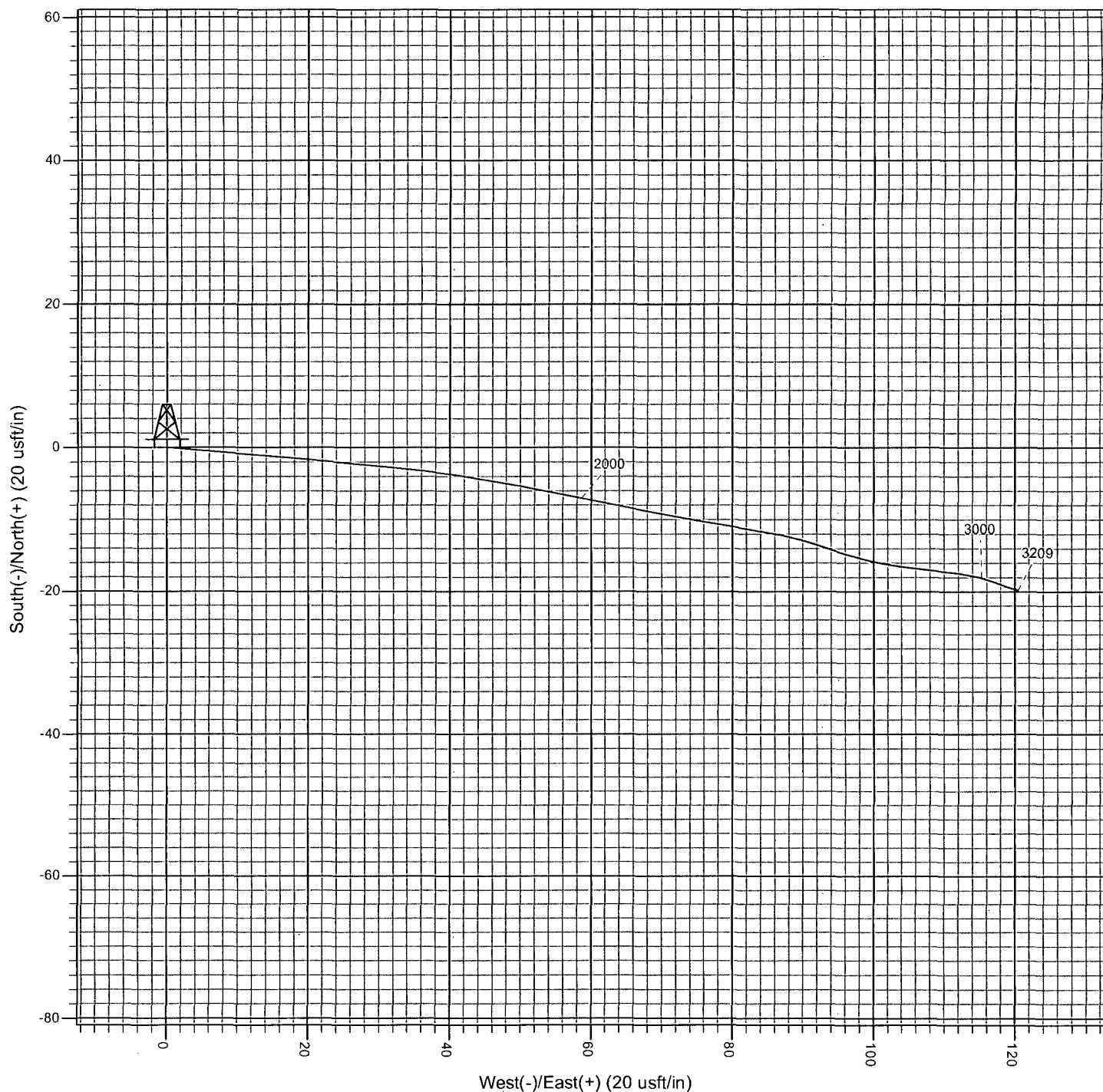


Scientific Drilling

Project: Lea County, NM (NAD27 NME)
Central Vacuum Unit
Well: CVU #432
Wellbore: OH
Design: OH - Job #320913-MPD-915

WELL DETAILS: CVU #432
WELL @ 4005.0usft (Original Well Elev)
Ground Level: 3980.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	656027.40	758306.40	32° 48' 2.472 N	103° 29' 33.714 W	



PROJECT DETAILS: Lea County, NM (NAD27 NME)	SITE DETAILS: Central Vacuum Unit
Geodetic System: US State Plane 1927 (Exact solution)	Site Centre Latitude: 32° 47' 40.462 N
Datum: NAD 1927 (NADCON CONUS)	Longitude: 103° 30' 56.247 W
Ellipsoid: Clarke 1866	Positional Uncertainty: 0.0
Zone: New Mexico East 3001	Convergence: 0.44
System Datum: Mean Sea Level	Local North: Grid

HOBBS OCD

JUN 16 2014

Inclination Report

30-025-40995

Field Name	Lease Name	Well Number
Operator	Central Vacuum Unit	432
Chevron	RRC District	RRC Lease Number (Oil Completions only)
Address		RRC Identification Number (Gas completions only)
Location (Section, Block, and Survey)		County
		Lea NM

Record of Inclination

Measured Depth (feet)	Course Length (hundreds of feet)	Angle of Inclination (Degrees)	Displacement per Hundred Feet (Sine of Angle X100)	Course Displacement (feet)	Accumulative Displacement (feet)
444	4.44	1	1.75	7.75	7.75
1270	8.26	8.5	14.78	122.09	129.84
2091	8.21	5.1	8.89	72.98	202.82
3082	9.91	1.49	2.80	25.77	228.59
4000	9.18	1.3	2.27	20.83	249.42
4270	2.7	0.9	1.57	4.24	253.66
5122	8.52	0.5	0.87	7.44	261.09
	-51.22		0.00	0.00	261.09
	0		0.00	0.00	261.09
	0		0.00	0.00	261.09
	0		0.00	0.00	261.09
	0		0.00	0.00	261.09

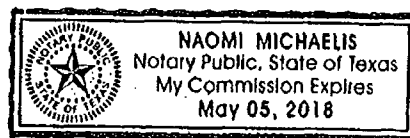
Accumulative total displacement of well bore at total depth of	5122	feet =	261.09	feet.
	Tubing	Casing	Open Hole	Drill Pipe
Inclination measurements were made in				X
Distance from surface location of well to the nearest lease line measured in feet				
Minimum distance to lease line as prescribed by field rules measured in feet				
Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? (if the answer to the question in "yes", attach a written explanation of the circumstances.)				

Company	Operator
Kim Osborn	
Signature of Authorized Representative	Signature of Authorized Representative
Kim Osborn Admin Coordinator	
Name of Person and Title	Name of Person and Title
Helmerich & Payne IDC	
Name of Company	Operator
432-563-5757	
Telephone	Telephone

Railroad Commission Use Only		
Approved By	Title	Date

The foregoing instrument was acknowledged before me on 5/28/14 by Kim Osborn on behalf of Helmerich & Payne IDC.

Naomi Michaelis
Notary Public for Ector County, Texas



HOBBS OCD
JUN 16 2014
RECEIVED



Directional Survey Data

Well Name CENTRAL VACUUM UNIT 432	Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	Latitude (°) 32° 48' 2.473" N	Longitude (°) 103° 29' 33.713" W	Surface ChevNo NT5385	Surface UWI 3002540995
Wellbore Name Original Hole	Directional Type Vertical	Wellbore UWI 300254099500	Wellbore ChevNo NT5385-00	Kick Off Depth (ftKB)	Total Depth (ftKB) 5,122.00	Date TD Reached (wellbore) 9/11/2013 23:00	

Bottom Hole Location

UTM Northing (Y) (ft)	UTM Easting (X) (ft)	UTM Grid Zone	Latitude (°)	Longitude (°)	Closure Direction (°)
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Directional Surveys

Description Scientific MWD	Planned? N	Definitive? N	Note Correction
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Survey Data

Survey Company	Date	MD (ftKB)	TVD (ftKB)	Ind (°)	Azm (°)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
Scientific Drilling	9/7/2013	1,641		8.80	94.79						
Scientific Drilling	9/7/2013	1,731		7.12	95.67						
Scientific Drilling	9/7/2013	1,821		5.98	98.22						
Scientific Drilling	9/7/2013	1,911		5.54	101.03						
Scientific Drilling	9/7/2013	2,001		5.19	100.68						
Scientific Drilling	9/7/2013	2,091		5.10	100.77						
Scientific Drilling	9/7/2013	2,181		5.01	100.68						
Scientific Drilling	9/7/2013	2,271		4.13	98.22						
Scientific Drilling	9/7/2013	2,361		3.61	101.65						
Scientific Drilling	9/7/2013	2,451		2.55	109.47						
Scientific Drilling	9/8/2013	2,542		2.73	107.54						
Scientific Drilling	9/8/2013	2,632		2.64	103.14						
Scientific Drilling	9/8/2013	2,722		2.73	95.94						
Scientific Drilling	9/8/2013	2,812		2.55	96.64						
Scientific Drilling	9/8/2013	2,902		2.37	96.20						
Scientific Drilling	9/8/2013	2,992		1.49	107.10						
Scientific Drilling	9/8/2013	3,082		1.49	108.59						
Scientific Drilling	9/8/2013	3,158		1.49	109.29						



Directional Survey Data

Well Name CENTRAL VACUUM UNIT 432	Lease Central Vacuum Unit	Field Name Vacuum	Business Unit Mid-Continent	Latitude (°) 32° 48' 2.473" N	Longitude (°) 103° 29' 33.713" W	Surface ChevNo NT5385	Surface UWI 3002540995				
Wellbore Name Original Hole	Directional Type Vertical	Wellbore UWI 300254099500	Wellbore ChevNo NT5385-00	Kick Off Depth (ftKB)	Total Depth (ftKB) 5,122.00	Date TD Reached (wellbore) 9/11/2013 23:00					
Bottom Hole Location											
UTM Northing (Y) (ft)	UTM Easting (X) (ft)	UTM Grid Zone	Latitude (°)	Longitude (°)	Closure Direction (°)						
Directional Surveys											
Description Teledrift	Planned? N	Definitive? N	Note Correction								
Survey Data											
Survey Company	Date	MD (ftKB)	TVD (ftKB)	Inc (°)	Azm (°)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
	9/4/2013	230	230.00	0.06						0.03	
	9/4/2013	444	443.99	1.00						0.44	
	9/4/2013	695	694.97	2.10						0.44	
	9/4/2013	1,001	1,000.89	4.40						0.75	
	9/4/2013	1,270	1,269.66	8.50						1.52	
	9/4/2013	1,580	1,576.26	8.50						0.00	