

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

"as drilled plat"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30746	² Pool Code 71599 / 72319	³ Pool Name BLANCO BASIN DAKOTA / MESA VERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 98M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6320

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	34	30 N	7 W		1725	NORTH	1438	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	34	30 N	7 W		2464'	SOUTH	804'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JUN 3 '10 OIL CONS. DIV.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISIONIST. 3

16 S 89°50'43" E 5281.32'		USA SF- 079383	5291.86'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Tam Sessions</i> 6/2/10 Signature Date Tamra Sessions Printed Name
		SURFACE LAT: 36.771608° N LONG: 107.554166° W NAD 83 LAT: 36°46.2961' N LONG: 107°33.2135' W NAD 27 SECTION 34		
				18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 9/08/08 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEN NEW MEXICO LICENSED PROFESSIONAL SURVEYOR 17078 Certificate Number
NOTE: BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83.				
N 0°07'19" W S 89°58'02" W				

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
4/8/2010	3,093.00	20.18	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,183.00	17.09	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,273.00	15.02	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,363.00	12.83	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,453.00	9.42	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,498.00	7.90	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,543.00	6.91	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,588.00	5.63	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,633.00	4.25	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,706.00	2.46	IncAzi-MWD	Scientific Drilling	
4/21/2010	8,036.00	0.75	Inc-WL	PHOENIX	

RCVD JUN 3 '10
OIL CONS. DIV.
DIST. 3

I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this 6/2/10

Tanna D. Session

Notary Public in and for San Juan County, New Mexico

My Commission expires 2/8/12



COP Deviation Report
SAN JUAN 30-6 UNIT #98M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #98M	API / UWI 3003930746	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 034-030N-007W-G	N/S Dist (ft) 1,725.00	N/S Ref FNL	E/W Dist (ft) 1,438.00	E/W Ref FEL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/24/2010	130.00	0.00	Inc-Drop	MO-TE DRILLING INC.	
3/25/2010	235.00	0.75	Inc-Drop	MO-TE DRILLING INC.	
3/31/2010	415.00	1.00	Inc-WL	MOTÉ	
4/7/2010	445.00	0.20	IncAzi-MWD	Scientific Drilling	
4/7/2010	506.00	1.61	IncAzi-MWD	Scientific Drilling	
4/7/2010	567.00	3.70	IncAzi-MWD	Scientific Drilling	
4/7/2010	629.00	5.45	IncAzi-MWD	Scientific Drilling	
4/7/2010	691.00	7.08	IncAzi-MWD	Scientific Drilling	
4/7/2010	752.00	9.08	IncAzi-MWD	Scientific Drilling	
4/7/2010	846.00	11.96	IncAzi-MWD	Scientific Drilling	
4/7/2010	936.00	14.24	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,026.00	16.90	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,116.00	19.68	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,206.00	22.57	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,296.00	24.99	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,386.00	28.02	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,475.00	30.01	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,566.00	32.41	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,655.00	35.13	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,700.00	36.15	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,745.00	36.15	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,835.00	36.59	IncAzi-MWD	Scientific Drilling	
4/7/2010	1,925.00	37.91	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,015.00	36.84	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,105.00	37.58	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,195.00	37.87	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,285.00	36.33	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,374.00	35.11	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,464.00	34.32	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,554.00	32.04	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,644.00	30.77	IncAzi-MWD	Scientific Drilling	
4/7/2010	2,734.00	28.78	IncAzi-MWD	Scientific Drilling	
4/8/2010	2,824.00	25.93	IncAzi-MWD	Scientific Drilling	
4/8/2010	2,914.00	23.92	IncAzi-MWD	Scientific Drilling	
4/8/2010	3,003.00	22.64	IncAzi-MWD	Scientific Drilling	

I, the undersigned, certify that I acting in my capacity as _____ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

REC'D JUN 3 '10
OL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 34-T30N-R7W
SJ 30-6 #98M

Original Hole

Survey: Actual

Standard Survey Report

20 April, 2010

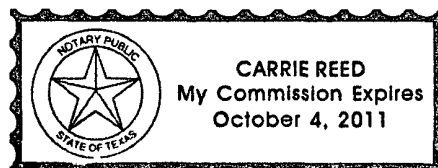
This survey is correct to the best of my knowledge and is supported by actual field data.

Wharton

Notorized this date 20th of April, 2010.

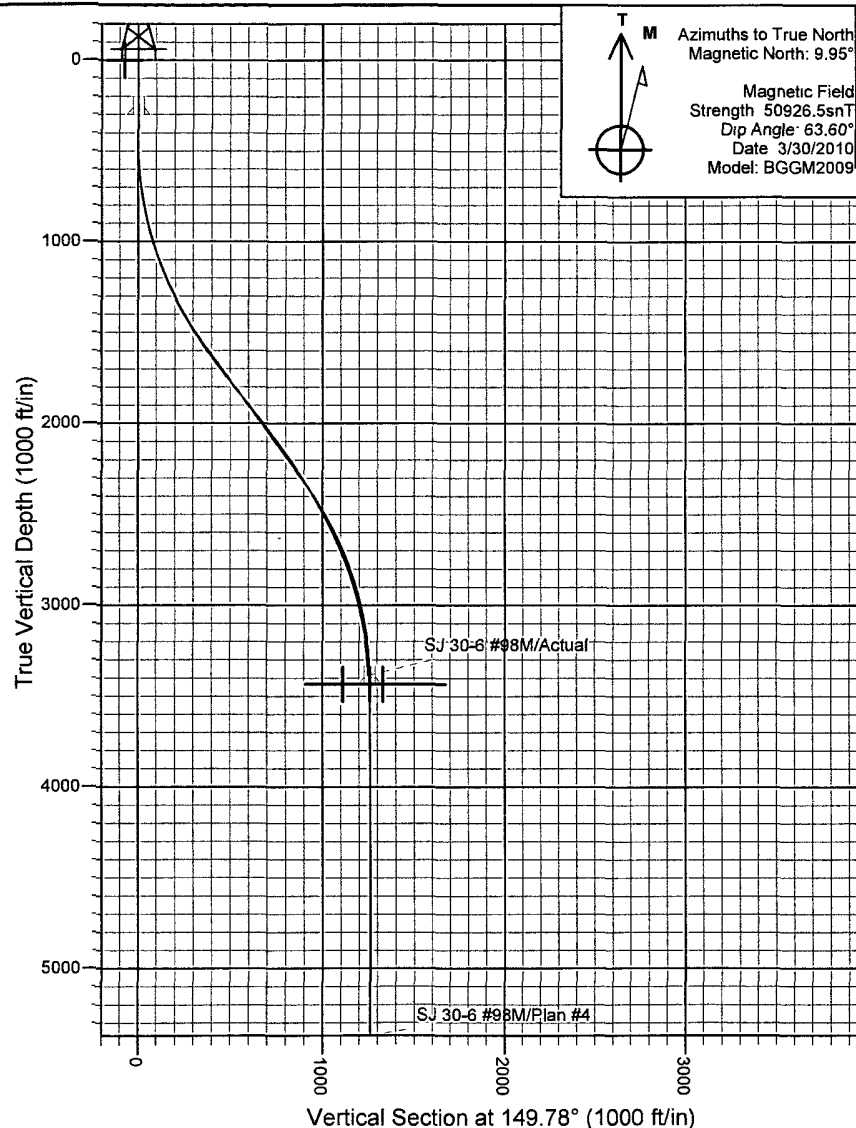
Carrie Reed

Notary Signature
County of Midland
State of Texas

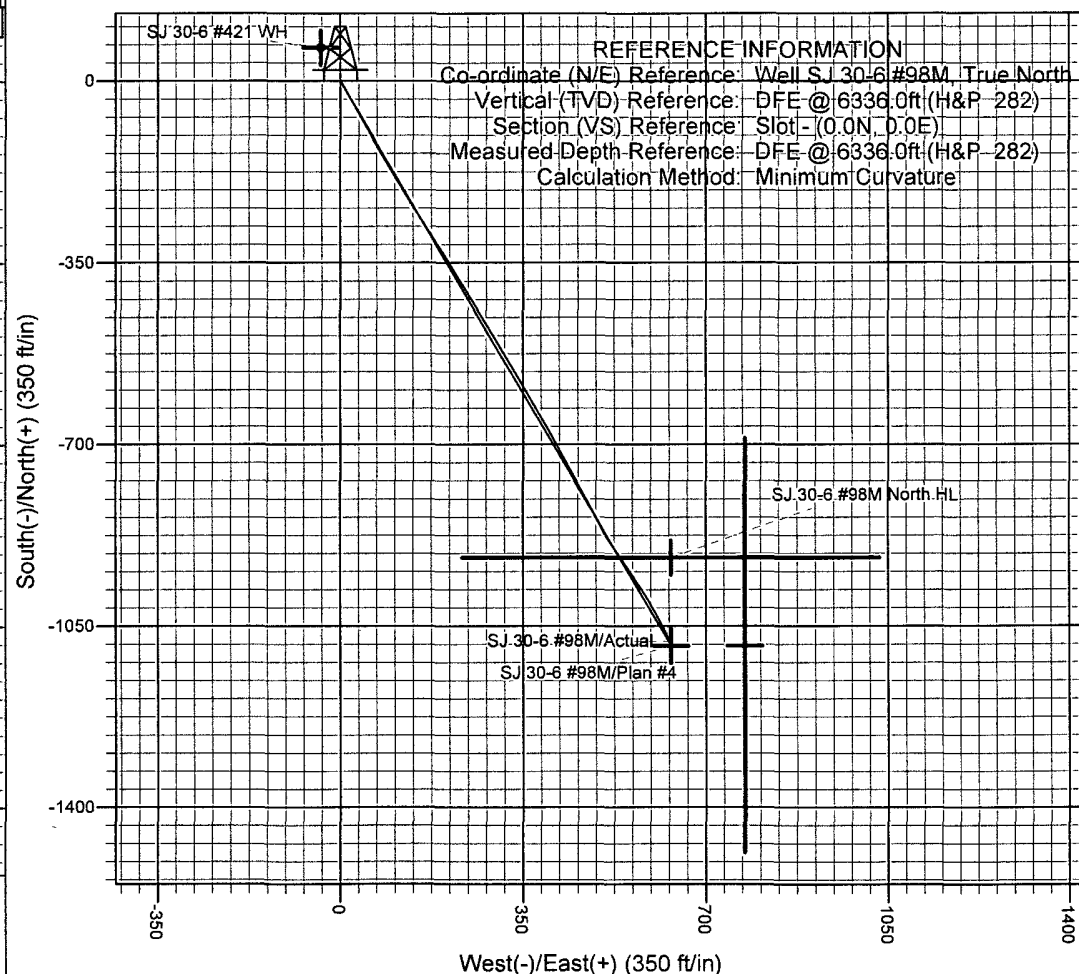




Project: SJB (NM Central)
SEC 34-T30N-R7W
Well: SJ 30-6 #98M
Wellbore: Original Hole
Design: Plan #4
Site:



WELL DETAILS: SJ 30-6 #98M
DFE @ 6336.0ft (H&P 282)
Ground Level: 6320.0
Easting 118202.57 Latitude 36° 46' 17.766 N Longitude 107° 33' 12.810 W Slot



COMPANY DETAILS: ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method: Risk Ratio

PROJECT DETAILS: SJB (NM Central)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico Central 3002
System Datum: Mean Sea Level

SITE DETAILS: SEC 34-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 17.766 N
Longitude: 107° 33' 12.810 W
Positional Uncertainty: 0.0
Convergence: -0.78
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6336 0ft (H&P 282)
Site:	SEC 34-T30N-R7W	MD Reference:	DFE @ 6336 0ft (H&P 282)
Well:	SJ 30-6 #98M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM Central), New Mexico, S-Type MV/DK Wells		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico Central 3002		Using geodetic scale factor

Site	SEC 34-T30N-R7W				
Site Position:		Northing:	2,102,685.75 ft	Latitude:	36° 46' 17.766 N
From:	Lat/Long	Easting:	118,202.57 ft	Longitude:	107° 33' 12.810 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.78 °

Well	SJ 30-6 #98M, S-Type MV/DK Well					
Well Position	+N/-S	0 0 ft	Northing:	2,102,685 75 ft	Latitude:	36° 46' 17 766 N
	+E/-W	0 0 ft	Easting:	118,202 57 ft	Longitude:	107° 33' 12 810 W
Position Uncertainty		3 5 ft	Wellhead Elevation:	ft	Ground Level:	6,320.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2009	3/30/2010	9.95	63.60	50,926

Design		Original Hole		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0 0	0 0	0.0	149 60

Survey Program	Date	4/20/2010			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
445.0	3,706.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1	

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
445.0	0.20	78.85	445.0	0.2	0.8	0.3	0.04	0.04	0.00	
506.0	1.61	150.08	506.0	-0.6	1.3	1.1	2.55	2.31	116.77	
567.0	3.70	150.13	566.9	-3.0	2.7	4.0	3.43	3.43	0.08	
629.0	5.45	150.94	628.7	-7.3	5.1	8.9	2.82	2.82	1.31	
691.0	7.08	150.56	690.3	-13.2	8.4	15.7	2.63	2.63	-0.61	
752.0	9.08	149.63	750.7	-20.7	12.7	24.3	3.29	3.28	-1.52	
846.0	11.96	153.13	843.2	-35.8	20.9	41.4	3.14	3.06	3.72	
936.0	14.24	152.93	930.8	-53.9	30.1	61.8	2.53	2.53	-0.22	
1,026.0	16.90	149.46	1,017.5	-75.1	41.8	85.9	3.13	2.96	-3.86	
1,116.0	19.68	150.35	1,102.9	-99.5	56.0	114.1	3.10	3.09	0.99	
1,206.0	22.57	150.48	1,186.9	-127.7	72.0	146.6	3.21	3.21	0.14	
1,296.0	24.99	149.34	1,269.2	-159.1	90.2	182.9	2.74	2.69	-1.27	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #98M
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6336.0ft (H&P 282)
Site:	SEC 34-T30N-R7W	MD Reference:	DFE @ 6336.0ft (H&P 282)
Well:	SJ 30-6 #98M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,386.0	28.02	149.38	1,349.8	-193.6	110.6	223.0	3.37	3.37	0.04
1,475.0	30.01	148.79	1,427.6	-230.7	132.8	266.2	2.26	2.24	-0.66
1,566.0	32.41	147.30	1,505.4	-270.7	157.8	313.3	2.77	2.64	-1.64
1,655.0	35.13	147.33	1,579.4	-312.3	184.5	362.7	3.06	3.06	0.03
1,700.0	36.15	148.35	1,616.0	-334.5	198.5	388.9	2.62	2.27	2.27
1,745.0	36.15	148.95	1,652.3	-357.2	212.3	415.5	0.79	0.00	1.33
1,835.0	36.59	148.62	1,724.8	-402.8	239.9	468.8	0.54	0.49	-0.37
1,925.0	37.91	148.27	1,796.4	-449.2	268.4	523.3	1.49	1.47	-0.39
2,015.0	36.84	149.65	1,867.9	-496.0	296.6	577.9	1.51	-1.19	1.53
2,105.0	37.58	149.58	1,939.6	-543.0	324.1	632.4	0.82	0.82	-0.08
2,195.0	37.87	149.87	2,010.8	-590.5	351.9	687.4	0.38	0.32	0.32
2,285.0	36.33	150.54	2,082.6	-637.6	378.9	741.7	1.77	-1.71	0.74
2,374.0	35.11	151.16	2,154.8	-683.0	404.2	793.7	1.43	-1.37	0.70
2,464.0	34.32	151.39	2,228.8	-728.0	428.8	844.9	0.89	-0.88	0.26
2,554.0	32.04	151.27	2,304.1	-771.2	452.5	894.1	2.53	-2.53	-0.13
2,644.0	30.77	152.25	2,380.9	-812.5	474.7	941.0	1.52	-1.41	1.09
2,734.0	28.78	152.24	2,459.1	-852.0	495.5	985.6	2.21	-2.21	-0.01
2,824.0	25.93	147.22	2,539.0	-887.8	516.2	1,026.9	4.07	-3.17	-5.58
2,914.0	23.92	145.91	2,620.6	-919.4	537.1	1,064.8	2.32	-2.23	-1.46
3,003.0	22.64	146.61	2,702.4	-948.7	556.6	1,099.9	1.47	-1.44	0.79
3,093.0	20.18	146.68	2,786.1	-976.1	574.7	1,132.7	2.73	-2.73	0.08
3,183.0	17.09	149.52	2,871.4	-1,000.5	590.0	1,161.5	3.58	-3.43	3.16
3,273.0	15.02	151.11	2,957.9	-1,022.1	602.3	1,186.4	2.35	-2.30	1.77
3,363.0	12.83	152.30	3,045.3	-1,041.2	612.6	1,208.0	2.45	-2.43	1.32
3,453.0	9.42	153.78	3,133.6	-1,056.6	620.5	1,225.3	3.80	-3.79	1.64
3,498.0	7.90	153.94	3,178.0	-1,062.7	623.5	1,232.1	3.38	-3.38	0.36
3,543.0	6.91	154.75	3,222.7	-1,067.9	626.0	1,237.9	2.21	-2.20	1.80
3,588.0	5.63	153.49	3,267.4	-1,072.4	628.1	1,242.8	2.86	-2.84	-2.80
3,633.0	4.25	144.83	3,312.2	-1,075.7	630.1	1,246.6	3.48	-3.07	-19.24
3,706.0	2.46	127.29	3,385.1	-1,078.8	632.9	1,250.8	2.80	-2.45	-24.03