

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

RCVD NOV 19 '10

OIL CONS. DIV.

DIST. 3

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30802		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 7469		*Property Name SAN JUAN 30-6 UNIT			*Well Number 58C
*GRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6838'

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
C	31	30N	6W		775	NORTH	1985	WEST	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
F	31	30N	6W		1962	NORTH	1849	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 DIVISION

16	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>Crystal Tafoya</i> 11/18/10 Signature Date Crystal Tafoya 11/18/10 Printed Name 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. Survey Date: FEBRUARY 20, 2009 Signature and Seal of Professional Surveyor JASON C. EDWARDS Certificate Number 15269
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COP Deviation Report

SAN JUAN 30-6 UNIT #58C

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #58C	API / UWI 3003930802	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 031-030N-006W-C	N/S Dist (ft) 775.00	N/S Ref FNL	E/W Dist (ft) 1,985.00	E/W Ref FWL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/30/2010	150.00	1.25	Inc-Drop	MOTE
8/30/2010	270.00	1.00	Inc-Drop	MOTE
8/30/2010	385.00	1.00	Inc-Drop	MOTE
9/21/2010	421.00	0.53	IncAzi-MWD	Scientific Drilling
9/21/2010	481.00	0.58	IncAzi-MWD	Scientific Drilling
9/21/2010	542.00	2.82	IncAzi-MWD	Scientific Drilling
9/21/2010	603.00	4.66	IncAzi-MWD	Scientific Drilling
9/21/2010	665.00	6.76	IncAzi-MWD	Scientific Drilling
9/21/2010	725.00	8.49	IncAzi-MWD	Scientific Drilling
9/21/2010	819.00	11.46	IncAzi-MWD	Scientific Drilling
9/21/2010	909.00	14.41	IncAzi-MWD	Scientific Drilling
9/21/2010	999.00	15.58	IncAzi-MWD	Scientific Drilling
9/21/2010	1,089.00	16.42	IncAzi-MWD	Scientific Drilling
9/21/2010	1,179.00	17.89	IncAzi-MWD	Scientific Drilling
9/21/2010	1,270.00	18.73	IncAzi-MWD	Scientific Drilling
9/21/2010	1,360.00	19.80	IncAzi-MWD	Scientific Drilling
9/22/2010	1,450.00	20.52	IncAzi-MWD	Scientific Drilling
9/22/2010	1,540.00	22.65	IncAzi-MWD	Scientific Drilling
9/22/2010	1,630.00	25.16	IncAzi-MWD	Scientific Drilling
9/22/2010	1,720.00	25.67	IncAzi-MWD	Scientific Drilling
9/22/2010	1,810.00	27.34	IncAzi-MWD	Scientific Drilling
9/22/2010	1,900.00	27.72	IncAzi-MWD	Scientific Drilling
9/22/2010	1,990.00	28.16	IncAzi-MWD	Scientific Drilling
9/22/2010	2,080.00	28.78	IncAzi-MWD	Scientific Drilling
9/22/2010	2,170.00	28.32	IncAzi-MWD	Scientific Drilling
9/22/2010	2,261.00	28.19	IncAzi-MWD	Scientific Drilling
9/22/2010	2,351.00	28.00	IncAzi-MWD	Scientific Drilling
9/22/2010	2,441.00	27.82	IncAzi-MWD	Scientific Drilling
9/22/2010	2,531.00	27.97	IncAzi-MWD	Scientific Drilling
9/22/2010	2,621.00	29.16	IncAzi-MWD	Scientific Drilling
9/22/2010	2,710.00	28.01	IncAzi-MWD	Scientific Drilling
9/22/2010	2,800.00	27.69	IncAzi-MWD	Scientific Drilling
9/22/2010	2,890.00	26.86	IncAzi-MWD	Scientific Drilling
9/22/2010	2,980.00	24.11	IncAzi-MWD	Scientific Drilling
9/22/2010	3,070.00	23.04	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

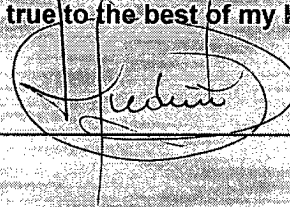
My Commission expires _____

COP Deviation Report
SAN JUAN 30-6 UNIT #58C

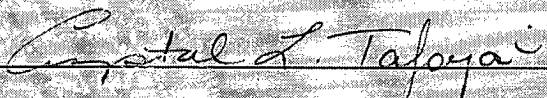
Survey Data

Date	MD (ftKB)	Incl. (°)	Method	Survey Company
9/22/2010	3,160.00	23.82	IncAzi-MWD	Scientific Drilling
9/22/2010	3,250.00	24.15	IncAzi-MWD	Scientific Drilling
9/22/2010	3,340.00	22.84	IncAzi-MWD	Scientific Drilling
9/22/2010	3,430.00	20.27	IncAzi-MWD	Scientific Drilling
9/23/2010	3,520.00	16.74	IncAzi-MWD	Scientific Drilling
9/23/2010	3,610.00	14.43	IncAzi-MWD	Scientific Drilling
9/23/2010	3,701.00	11.98	IncAzi-MWD	Scientific Drilling
9/24/2010	3,791.00	9.69	IncAzi-MWD	Scientific Drilling
9/24/2010	3,881.00	7.05	IncAzi-MWD	Scientific Drilling
9/24/2010	3,972.00	4.88	IncAzi-MWD	Scientific Drilling
9/24/2010	4,152.00	5.01	IncAzi-MWD	Scientific Drilling
9/24/2010	4,195.00	4.66	IncAzi-MWD	Scientific Drilling
11/8/2010	8,476.00	1.00	Inc-WL	Phoenix Services LLC

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 November 18, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

REV. MAY 19, 10
OIL CENS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 31-T30N-R6W

SJ 30-6 #58C

Original Hole

API # 30-039-30802

Survey: Actual

SDI Standard Survey Report

13 October, 2010

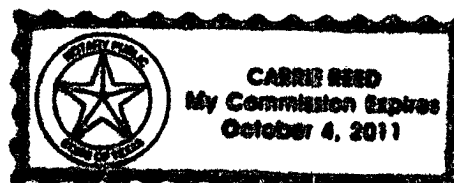
This survey is correct to the best of my knowledge and is supported by actual field data.

Richardson

Notorized this date 13th of October, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas

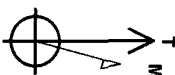




Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
Site: SEC 31-T30N-R6W
Well: SJ 30-6 #58C
Wellbore: Original Hole
Design: Plan #1

ConocoPhillips

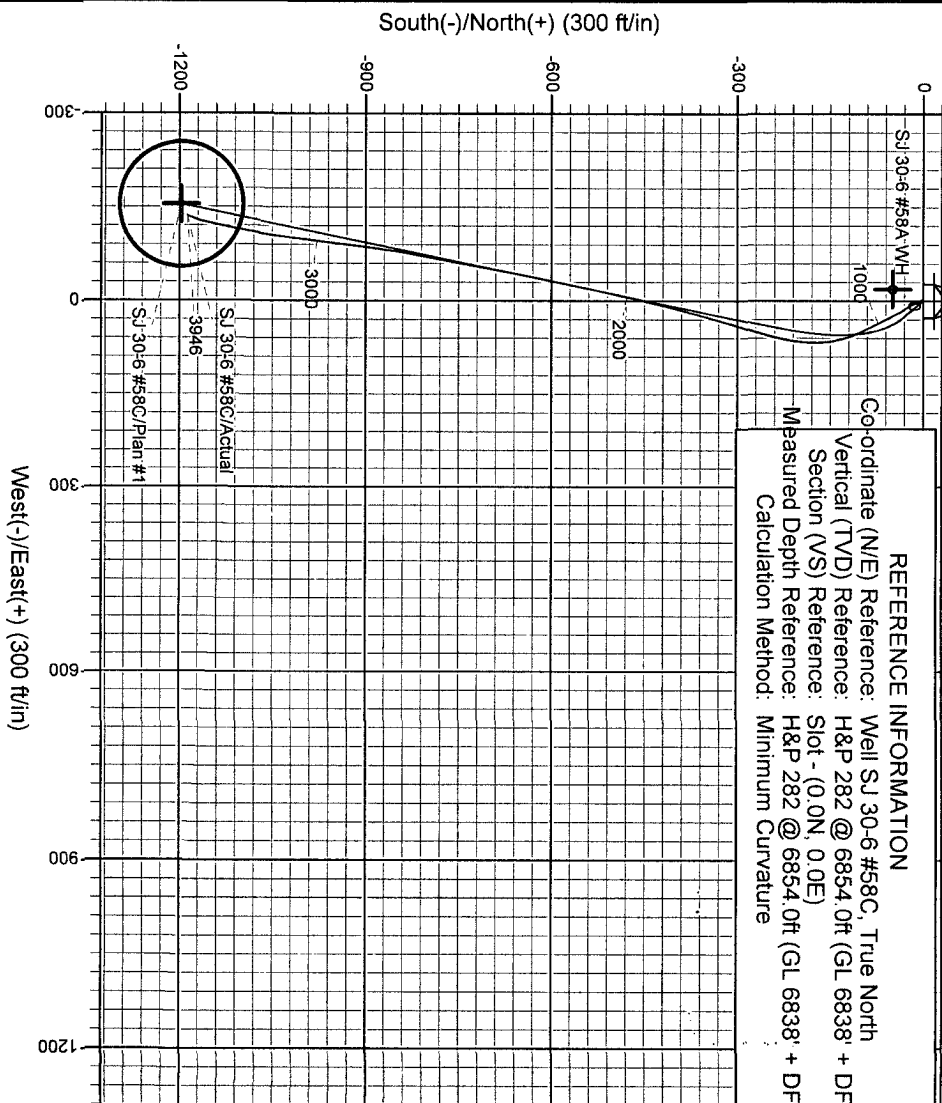
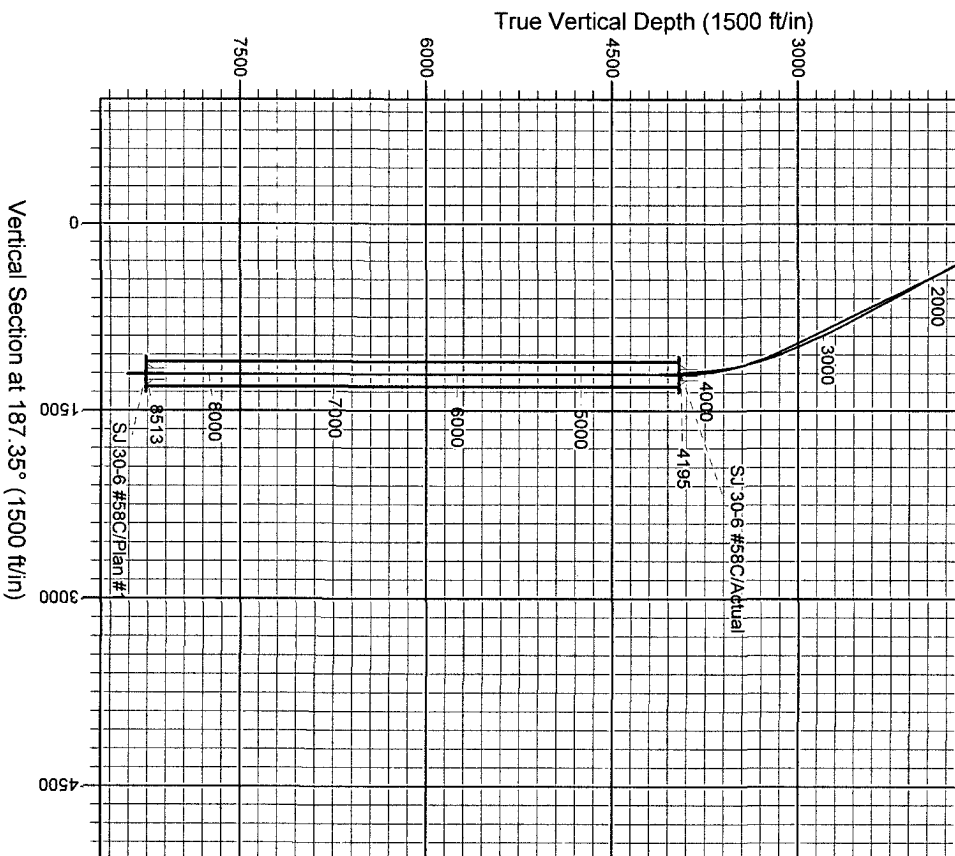


Azimuths to True North
Magnetic North: 9.87°
Magnetic Field
Strength: 50861.35nT
Dip Angle: 63.59°
Date: 9/15/2010
Model: BCGM2010

+N-S 0.0
+E-W 0.0
Northing 2103462.13

WELL DETAILS: SJ 30-6 #58C
H&P 282 @ 6854.0ft (GL 6838' + DF 16)
Ground Level: 6838.0
Easting 132166.15
Latitude 36° 46' 27.288 N
Longitude 107° 30' 21.342 W

Slope



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 30-6 #58C, True North
Vertical (TVD) Reference: H&P 282 @ 6854.0ft (GL 6838' + DF 16)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: H&P 282 @ 6854.0ft (GL 6838' + DF 16)
Calculation Method: Minimum Curvature

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 31-T30N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 45' 52.542 N
Longitude: 107° 30' 17.844 W
Positional Uncertainty: 0.0
Convergence: -0.75
Local North: True

Scientific Drilling International, Inc.

SDI Standard Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #58C
Project:	SJB (NM Central)	TVD Reference:	H&P 282 @ 6854.0ft (GL 6838' + DF 16')
Site:	SEC 31-T30N-R6W	MD Reference:	H&P 282 @ 6854.0ft (GL 6838' + DF 16')
Well:	SJ 30-6 #58C	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 31-T30N-R6W		
Site Position:		Northing:	2,099,944.57 ft
From:	Lat/Long	Easting:	132,404.66 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 45' 52.542 N
		Longitude:	107° 30' 17.844 W
		Grid Convergence:	-0.75 °

Well	SJ 30-6 #58C, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,103,462.13 ft
	+E/-W	0.0 ft	Easting: 132,166.15 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 46' 27.288 N
		Longitude:	107° 30' 21.342 W
		Ground Level:	6,838.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2010	9/15/2010	9.87
			Dip Angle (°)
			63.59
			Field Strength (nT)
			50,861

Design	Original Hole		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
		Direction	(°)
		186.53	

Survey Program	Date 10/13/2010		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
421.0	4,195.0	Actual (Original Hole)	MWD SDI
			Description
			MWD - Standard ver 1.0.1

Survey								
Measured Depth	Inclination	Azimuth	True Vertical	North/South	East/West	Closure Azimuth	Closure Distance	
(ft)	(°)	(°)	Depth	(ft)	(ft)	(°)	(ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.0	
421.0	0.53	287.75	421.0	0.6	-1.9	287.75	1.9	
481.0	0.58	200.38	481.0	0.4	-2.2	280.03	2.3	
542.0	2.82	162.08	542.0	-1.3	-1.9	234.71	2.3	
603.0	4.66	158.24	602.8	-5.1	-0.5	185.54	5.1	
665.0	6.76	152.46	664.5	-10.6	2.1	168.66	10.8	
725.0	8.49	149.09	724.0	-17.6	6.0	161.02	18.6	
819.0	11.46	148.62	816.6	-31.5	14.5	155.32	34.7	
909.0	14.41	152.53	904.3	-49.1	24.3	153.66	54.7	
999.0	15.58	153.44	991.2	-69.8	34.9	153.46	78.0	
1,089.0	16.42	153.27	1,077.7	-92.0	46.0	153.44	102.8	
1,179.0	17.89	159.87	1,163.7	-116.3	56.5	154.11	129.3	

Scientific Drilling International, Inc.
SDI Standard Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #58C
Project:	SJB (NM Central)	TVD Reference:	H&P 282 @ 6854.0ft (GL 6838' + DF 16')
Site:	SEC 31-T30N-R6W	MD Reference:	H&P 282 @ 6854.0ft (GL 6838' + DF 16')
Well:	SJ 30-6 #58C	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Survey							
Measured Depth (ft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (ft)	East/West (ft)	Closure Azimuth (°)	Closure Distance (ft)
1,270.0	18.73	169.95	1,250.1	-143.8	63.8	156.07	157.4
1,360.0	19.80	178.40	1,335.1	-173.3	66.8	158.93	185.7
1,450.0	20.52	187.75	1,419.6	-204.2	65.1	162.32	214.3
1,540.0	22.65	194.66	1,503.3	-236.6	58.6	166.10	243.7
1,630.0	25.16	196.71	1,585.6	-271.7	48.7	169.84	276.0
1,720.0	25.67	196.29	1,666.9	-308.7	37.7	173.04	311.0
1,810.0	27.34	195.82	1,747.4	-347.3	26.6	175.62	348.3
1,900.0	27.72	195.13	1,827.2	-387.4	15.5	177.71	387.7
1,990.0	28.16	193.07	1,906.7	-428.3	5.2	179.30	428.3
2,080.0	28.78	192.86	1,985.8	-470.1	-4.4	180.53	470.1
2,170.0	28.32	192.33	2,064.9	-512.1	-13.8	181.54	512.3
2,261.0	28.19	191.72	2,145.1	-554.2	-22.7	182.35	554.7
2,351.0	28.00	191.69	2,224.5	-595.7	-31.3	183.01	596.6
2,441.0	27.82	191.56	2,304.0	-637.0	-39.8	183.58	638.2
2,531.0	27.97	190.53	2,383.5	-678.3	-47.9	184.04	680.0
2,621.0	29.16	190.67	2,462.6	-720.6	-55.8	184.43	722.8
2,710.0	28.01	190.60	2,540.7	-762.5	-63.7	184.77	765.1
2,800.0	27.69	190.26	2,620.3	-803.8	-71.3	185.07	807.0
2,890.0	26.86	189.63	2,700.3	-844.4	-78.4	185.30	848.1
2,980.0	24.11	186.91	2,781.5	-882.7	-84.0	185.44	886.7
3,070.0	23.04	187.04	2,864.0	-918.5	-88.4	185.50	922.7
3,160.0	23.82	187.28	2,946.6	-954.0	-92.9	185.56	958.5
3,250.0	24.15	187.19	3,028.8	-990.3	-97.5	185.62	995.1
3,340.0	22.84	186.99	3,111.4	-1,025.9	-101.9	185.67	1,030.9
3,430.0	20.27	189.28	3,195.1	-1,058.6	-106.5	185.75	1,064.0
3,520.0	16.74	190.49	3,280.4	-1,086.7	-111.4	185.85	1,092.4
3,610.0	14.43	190.92	3,367.1	-1,110.5	-115.9	185.96	1,116.5
3,701.0	11.98	192.27	3,455.7	-1,130.9	-120.1	186.06	1,137.2
3,791.0	9.69	190.93	3,544.1	-1,147.4	-123.5	186.14	1,154.1
3,881.0	7.05	192.79	3,633.1	-1,160.3	-126.1	186.20	1,167.1
3,972.0	4.88	201.40	3,723.6	-1,169.3	-128.8	186.28	1,176.4
4,152.0	5.01	202.79	3,902.9	-1,183.7	-134.6	186.49	1,191.3
4,195.0	4.66	198.78	3,945.8	-1,187.1	-135.9	186.53	1,194.8