

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

"AS DRILLED PLAT"
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30803	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT	*Well Number 58M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6802'

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
N	31	30N	6W		990	SOUTH	2270	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
L	31	30N	6W		1673	SOUTH	912	WEST	RIO ARriba

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

16 5273.40' LEASE USA SF-080711-A 5280.00' BOTTOM HOLE 912' 2270' 1673' 1645' 31 SURFACE LOCATION 990' 365' 5280.00' N63°17.3'W 1489.6' SURFACE LOCATION LAT: 36°45.8757'N LONG: 107°30.2974'W DATUM: NAD1927 LAT: 36.76460'N LONG: 107.50556'W DATUM: NAD1983	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> 11/1/10 Signature Date Crystal Tafoya 11/1/2010 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 5, 2009 Signature and Seal of Professional Surveyor JASON C. EDWARDS NEW MEXICO 15269 REGISTERED PROFESSIONAL SURVEYOR JASON C. EDWARDS Certificate Number 15269
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Legal WellName : SAN JUAN 30-6 UNIT #58M	API / UWI: 3003930803
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 031-030N-006W-N
St/Prov: NEW MEXICO	N/S Dist (ft): 990.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 2,270.00 - FWL

RCVD NOV 2 10
OIL CONS. DIV.
DIST. 3

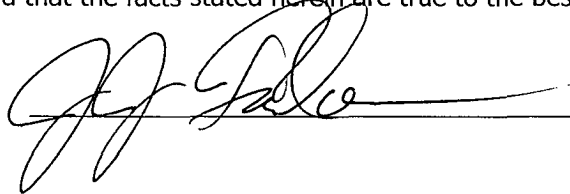
Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	06/07/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/07/2010	134.00	1.25	.00	Inc-WL	MOTE
06/07/2010	234.00	.50	.00	Inc-WL	MOTE
06/07/2010	359.00	.00	.00	Inc-WL	MOTE
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DEVIATION SURVEYS	06/18/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/18/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
06/18/2010	386.00	.14	115.09	IncAzi-MWD	Scientific Drilling
06/18/2010	448.00	.59	298.91	IncAzi-MWD	Scientific Drilling
06/18/2010	509.00	2.23	292.97	IncAzi-MWD	Scientific Drilling
06/18/2010	570.00	3.96	290.61	IncAzi-MWD	Scientific Drilling
06/18/2010	632.00	6.08	292.00	IncAzi-MWD	Scientific Drilling
06/18/2010	694.00	8.40	291.90	IncAzi-MWD	Scientific Drilling
06/18/2010	754.00	10.75	292.11	IncAzi-MWD	Scientific Drilling
06/18/2010	848.00	13.83	291.92	IncAzi-MWD	Scientific Drilling
06/18/2010	938.00	16.84	289.36	IncAzi-MWD	Scientific Drilling
06/18/2010	1,028.00	20.26	290.75	IncAzi-MWD	Scientific Drilling
06/18/2010	1,118.00	23.31	290.49	IncAzi-MWD	Scientific Drilling
06/18/2010	1,209.00	26.09	289.58	IncAzi-MWD	Scientific Drilling
06/18/2010	1,299.00	29.19	292.29	IncAzi-MWD	Scientific Drilling
06/18/2010	1,389.00	31.45	298.28	IncAzi-MWD	Scientific Drilling
06/19/2010	1,479.00	32.78	298.53	IncAzi-MWD	Scientific Drilling
06/19/2010	1,570.00	33.42	298.96	IncAzi-MWD	Scientific Drilling
06/19/2010	1,660.00	34.53	299.05	IncAzi-MWD	Scientific Drilling
06/19/2010	1,750.00	35.82	299.13	IncAzi-MWD	Scientific Drilling
06/19/2010	1,840.00	35.28	299.43	IncAzi-MWD	Scientific Drilling
06/19/2010	1,930.00	34.81	299.02	IncAzi-MWD	Scientific Drilling
06/19/2010	2,020.00	35.82	298.33	IncAzi-MWD	Scientific Drilling
06/19/2010	2,110.00	34.49	298.65	IncAzi-MWD	Scientific Drilling
06/19/2010	2,200.00	33.30	299.91	IncAzi-MWD	Scientific Drilling
06/19/2010	2,290.00	32.95	298.53	IncAzi-MWD	Scientific Drilling
06/19/2010	2,380.00	32.76	296.52	IncAzi-MWD	Scientific Drilling

06/19/2010	2,470.00	33.39	296.77	IncAzi-MWD	Scientific Drilling
06/19/2010	2,560.00	33.64	295.98	IncAzi-MWD	Scientific Drilling
06/19/2010	2,650.00	34.08	295.93	IncAzi-MWD	Scientific Drilling
06/19/2010	2,739.00	33.28	295.93	IncAzi-MWD	Scientific Drilling
06/19/2010	2,829.00	32.50	295.17	IncAzi-MWD	Scientific Drilling
06/19/2010	2,919.00	33.31	294.51	IncAzi-MWD	Scientific Drilling
06/19/2010	3,009.00	33.01	294.36	IncAzi-MWD	Scientific Drilling
06/19/2010	3,099.00	31.98	294.65	IncAzi-MWD	Scientific Drilling
06/19/2010	3,189.00	29.35	295.12	IncAzi-MWD	Scientific Drilling
06/19/2010	3,280.00	26.87	295.81	IncAzi-MWD	Scientific Drilling
06/19/2010	3,370.00	25.25	295.21	IncAzi-MWD	Scientific Drilling
06/19/2010	3,460.00	23.09	300.07	IncAzi-MWD	Scientific Drilling
06/19/2010	3,550.00	19.39	302.15	IncAzi-MWD	Scientific Drilling
06/20/2010	3,640.00	16.38	301.05	IncAzi-MWD	Scientific Drilling
06/20/2010	3,730.00	13.58	301.64	IncAzi-MWD	Scientific Drilling
06/20/2010	3,820.00	9.77	303.02	IncAzi-MWD	Scientific Drilling
06/20/2010	3,911.00	7.41	305.99	IncAzi-MWD	Scientific Drilling
06/21/2010	4,001.00	4.98	306.82	IncAzi-MWD	Scientific Drilling
06/21/2010	4,046.00	4.79	305.81	IncAzi-MWD	Scientific Drilling
06/21/2010	4,091.00	4.22	299.07	IncAzi-MWD	Scientific Drilling
06/21/2010	4,136.00	4.51	296.51	IncAzi-MWD	Scientific Drilling
06/22/2010	4,226.00	4.61	296.42	IncAzi-MWD	Scientific Drilling
06/22/2010	4,272.00	4.64	297.63	IncAzi-MWD	Scientific Drilling
06/22/2010	4,303.00	4.46	296.76	IncAzi-MWD	Scientific Drilling

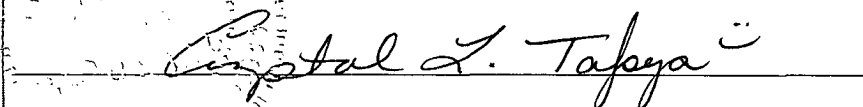
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	07/23/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
07/23/2010	8,567.00	.25	.00	Inc-WL	PHOENIX

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 1, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

RCVD NOV 2 '10
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 31-T30N-R6W

SJ 30-6 #58M

API # 30-039-30803

Original Hole

Survey: Actual

Standard Survey Report

31 July, 2010

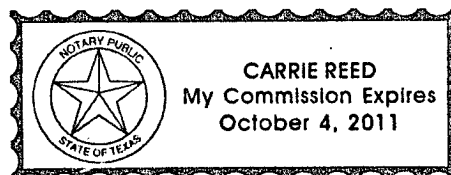
This survey is correct to the best of my knowledge and is supported by actual field data.

Robert

Notorized this date 3rd of August, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



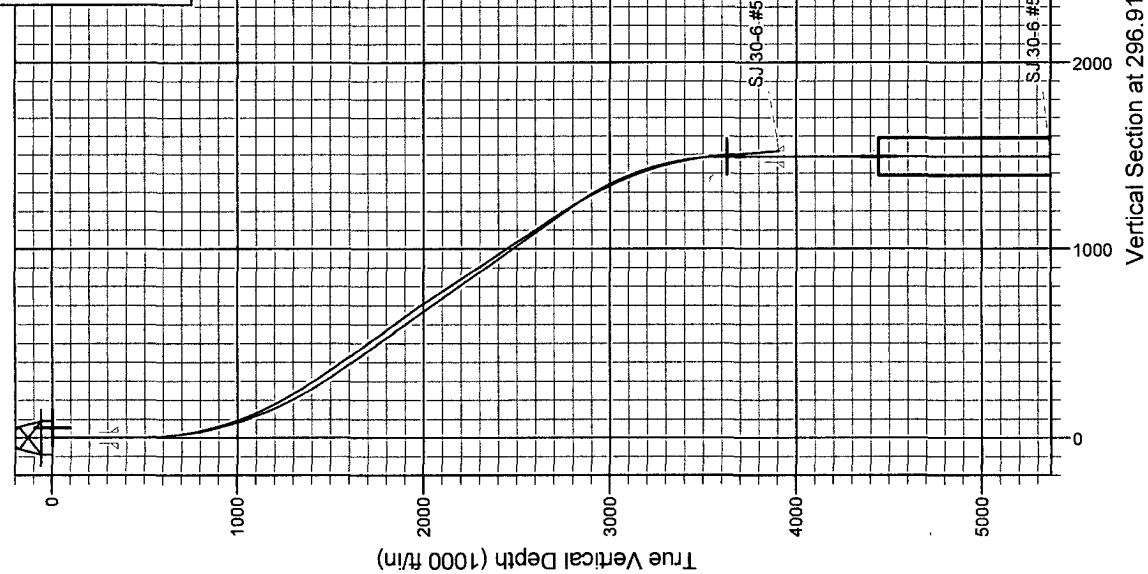


Scientific Drilling
Directional Drilling Operations

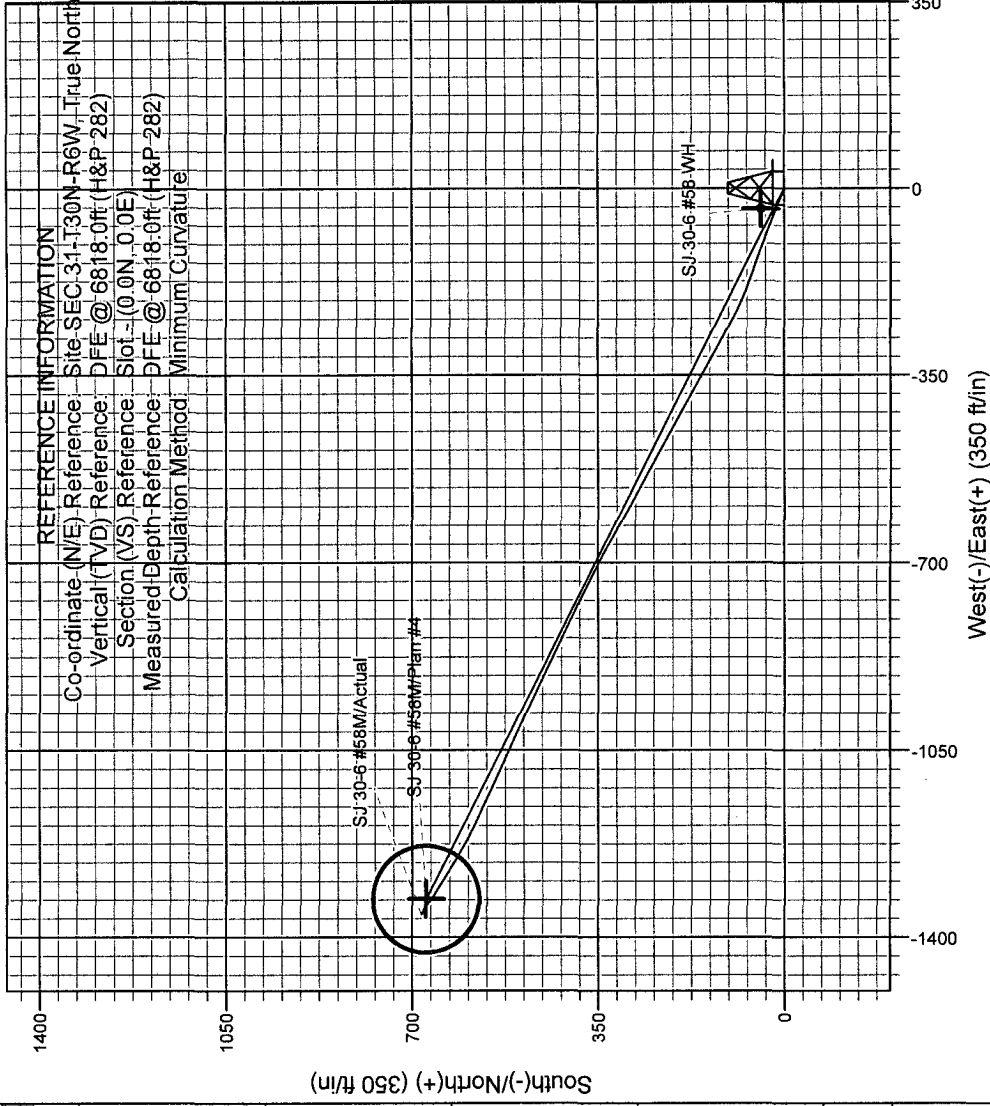
Project: SJB (NM Central)
SEC 31-T30N-R6W
Well: SJ 30-6 #58M
Wellbore: Original Hole
Design: Plan #4
Site:

ConocoPhillips

M
T
A
Magnetic Field
Strength: 50883.2snT
Dip Angle: 63.59°
Date: 8/16/2010
Model: BGGM2010



WELL DETAILS: SJ 30-6 #58M
DFE @ 6818.0ft (H&P 282)
Ground Level: 6802.0
Easting: 132404.66
Northing: 2099944.57
Latitude: 36° 45' 52.542 N
Longitude: 107° 30' 17.844 W
Slot



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Site SEC 31-T30N-R6W, True North
Vertical (TVD) Reference: DFE @ 6818.0ft (H&P 282)
Section (VS) Reference: Slot (0.0N, 0.0E)
Measured Depth Reference: DFE @ 6818.0ft (H&P 282)
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.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Site SEC 31-T30N-R6W
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6818.0ft (H&P 282)
Site:	SEC 31-T30N-R6W	MD Reference:	DFE @ 6818.0ft (H&P 282)
Well:	SJ 30-6 #58M	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	Latitude:	36° 45' 52.542 N
From:	Lat/Long	Easting:	132,404.66 ft	Longitude:	107° 30' 17.844 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.75 °

Well	SJ 30-6 #58M, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,099,944.57 ft	Latitude:	36° 45' 52.542 N
	+E/-W	0.0 ft	Easting:	132,404.66 ft	Longitude:	107° 30' 17.844 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,802.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	6/16/2010	9.90	63.59	50,883

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	290.76

Survey Program	Date 7/31/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
386.0	4,303.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1	

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
386.0	0.14	115.09	386.0	-0.2	0.4	-0.5	0.04	0.04	0.00
448.0	0.59	298.91	448.0	-0.1	0.2	-0.2	1.18	0.73	-284.16
509.0	2.23	292.97	509.0	0.5	-1.2	1.3	2.70	2.69	-9.74
570.0	3.96	290.61	569.9	1.7	-4.2	4.6	2.84	2.84	-3.87
632.0	6.08	292.00	631.6	3.7	-9.3	10.0	3.42	3.42	2.24
694.0	8.40	291.90	693.1	6.6	-16.5	17.8	3.74	3.74	-0.16
754.0	10.75	292.11	752.3	10.4	-25.8	27.8	3.92	3.92	0.35
848.0	13.83	291.92	844.1	17.9	-44.3	47.8	3.28	3.28	-0.20
938.0	16.84	289.36	930.9	26.2	-66.6	71.6	3.43	3.34	-2.84
1,028.0	20.26	290.75	1,016.2	36.1	-93.5	100.2	3.83	3.80	1.54
1,118.0	23.31	290.49	1,099.8	47.8	-124.7	133.6	3.39	3.39	-0.29
1,209.0	26.09	289.58	1,182.5	60.8	-160.5	171.6	3.08	3.05	-1.00

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Site SEC 31-T30N-R6W
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6818.0ft (H&P 282)
Site:	SEC 31-T30N-R6W	MD Reference:	DFE @ 6818.0ft (H&P 282)
Well:	SJ 30-6 #58M	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)
1,299.0	29.19	292.29	1,262.2	75.8	-199.4	213.3	3.72	3.44	3.01
1,389.0	31.45	298.28	1,339.9	95.3	-240.4	258.6	4.19	2.51	6.66
1,479.0	32.78	298.53	1,416.1	118.0	-282.5	306.0	1.49	1.48	0.28
1,570.0	33.42	298.96	1,492.4	141.9	-326.1	355.2	0.75	0.70	0.47
1,660.0	34.53	299.05	1,567.0	166.3	-370.1	405.0	1.23	1.23	0.10
1,750.0	35.82	299.13	1,640.6	191.5	-415.4	456.3	1.43	1.43	0.09
1,840.0	35.28	299.43	1,713.8	217.1	-461.0	508.0	0.63	-0.60	0.33
1,930.0	34.81	299.02	1,787.5	242.3	-506.1	559.1	0.58	-0.52	-0.46
2,020.0	35.82	298.33	1,860.9	267.3	-551.8	610.7	1.21	1.12	-0.77
2,110.0	34.49	298.65	1,934.5	292.0	-597.3	662.0	1.49	-1.48	0.36
2,200.0	33.30	299.91	2,009.2	316.5	-641.1	711.7	1.54	-1.32	1.40
2,290.0	32.95	298.53	2,084.6	340.6	-684.0	760.3	0.92	-0.39	-1.53
2,380.0	32.76	296.52	2,160.2	363.1	-727.3	808.8	1.23	-0.21	-2.23
2,470.0	33.39	296.77	2,235.6	385.1	-771.2	857.6	0.72	0.70	0.28
2,560.0	33.64	295.98	2,310.6	407.2	-815.7	907.1	0.56	0.28	-0.88
2,650.0	34.08	295.93	2,385.4	429.2	-860.8	957.0	0.49	0.49	-0.06
2,739.0	33.28	295.93	2,459.4	450.7	-905.2	1,006.2	0.90	-0.90	0.00
2,829.0	32.50	295.17	2,535.0	471.8	-949.3	1,054.9	0.98	-0.87	-0.84
2,919.0	33.31	294.51	2,610.6	492.4	-993.6	1,103.7	0.98	0.90	-0.73
3,009.0	33.01	294.36	2,685.9	512.7	-1,038.5	1,152.8	0.35	-0.33	-0.17
3,099.0	31.98	294.65	2,761.8	532.8	-1,082.5	1,201.0	1.16	-1.14	0.32
3,189.0	29.35	295.12	2,839.2	552.1	-1,124.1	1,246.8	2.93	-2.92	0.52
3,280.0	26.87	295.81	2,919.5	570.5	-1,162.8	1,289.5	2.75	-2.73	0.76
3,370.0	25.25	295.21	3,000.3	587.5	-1,198.5	1,328.9	1.82	-1.80	-0.67
3,460.0	23.09	300.07	3,082.4	604.6	-1,231.1	1,365.5	3.26	-2.40	5.40
3,550.0	19.39	302.15	3,166.3	621.4	-1,259.1	1,397.6	4.19	-4.11	2.31
3,640.0	16.38	301.05	3,251.9	635.9	-1,282.6	1,424.7	3.37	-3.34	-1.22
3,730.0	13.58	301.64	3,338.9	648.0	-1,302.5	1,447.6	3.12	-3.11	0.66
3,820.0	9.77	303.02	3,427.0	657.7	-1,317.9	1,465.4	4.24	-4.23	1.53
3,911.0	7.41	305.99	3,517.0	665.3	-1,329.1	1,478.6	2.64	-2.59	3.26
4,001.0	4.98	306.82	3,606.4	671.1	-1,336.9	1,488.0	2.70	-2.70	0.92
4,046.0	4.79	305.81	3,651.3	673.3	-1,340.0	1,491.7	0.46	-0.42	-2.24
4,091.0	4.22	299.07	3,696.1	675.2	-1,343.0	1,495.1	1.73	-1.27	-14.98
4,136.0	4.51	296.51	3,741.0	676.8	-1,346.0	1,498.5	0.78	0.64	-5.69
4,226.0	4.61	296.42	3,830.7	680.0	-1,352.4	1,505.7	0.11	0.11	-0.10
4,272.0	4.64	297.63	3,876.6	681.7	-1,355.7	1,509.3	0.22	0.07	2.63
4,303.0	4.46	296.76	3,907.5	682.8	-1,357.9	1,511.8	0.62	-0.58	-2.81