

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

☐ AMENDED REPORT

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

"AS DRILLED PLAT"
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35086		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 6800	*Property Name ATLANTIC A		*Well Number 8 B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 5951'

¹⁰ Surface Location

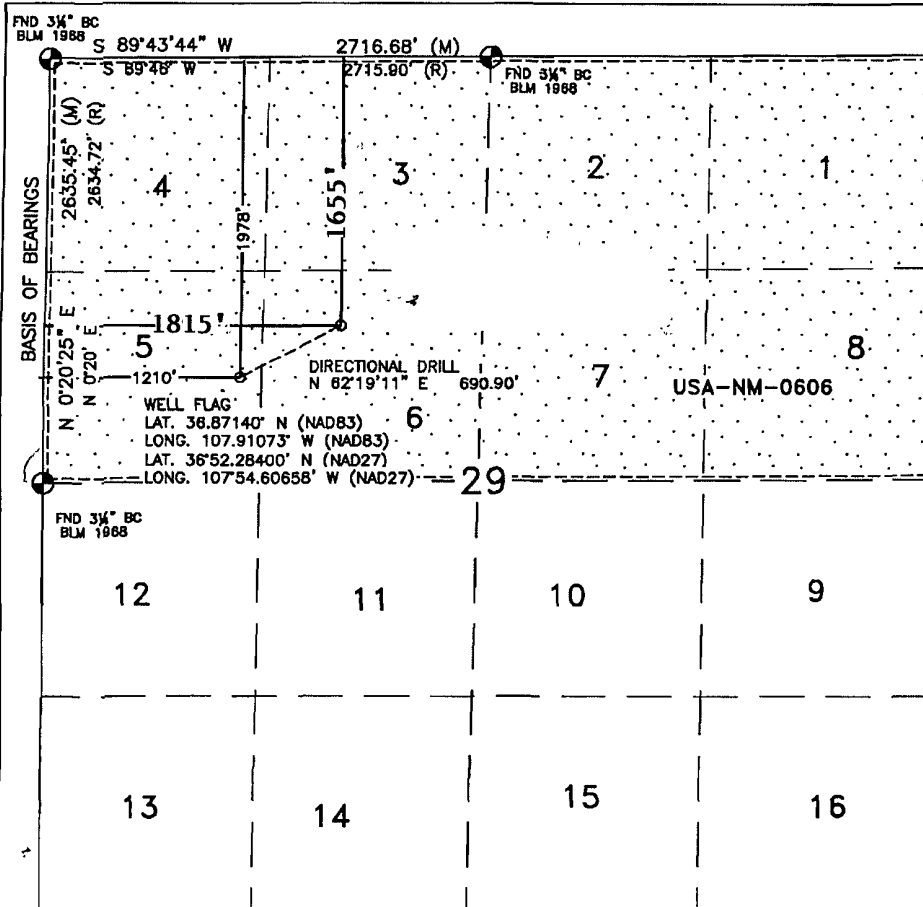
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	29	31N	10W	5	1978'	NORTH	1210'	WEST	SAN JUAN

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	29	31N	10W	6	1677'	NORTH	1788'	WEST	SAN JUAN
*Dedicated Acres 328.94 ACRES - N/2			*Joint or Infill		*Location Code		RCVD AUG 31 '10 OIL CONS. DIV.		

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 DIST. 3

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 released 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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 8/30/10
Signature Date

Crystal Tafoya 8/30/10
Printed Name

18 SURVEYOR CERTIFICATION

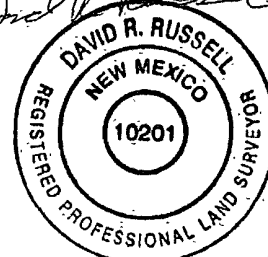
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 11, 2010

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number 10201

Legal WellName : ATLANTIC A #8B	API / UWI: 3004535086
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 029-031N-010W-E
St/Prov: NEW MEXICO	N/S Dist (ft): 1,978.00 - FNL
County: SAN JUAN	E/W Dist (ft): 1,210.00 - FWL

REV AUG 31 10

 OIL CONS. DIV.
DIST. 3

Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	06/24/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/24/2010	265.00	.44	275.45	IncAzi-MWD	Scientific Drilling
06/24/2010	325.00	.12	14.02	IncAzi-MWD	Scientific Drilling
06/24/2010	387.00	1.34	71.64	IncAzi-MWD	Scientific Drilling
06/24/2010	447.00	2.29	57.67	IncAzi-MWD	Scientific Drilling
06/24/2010	509.00	3.40	59.38	IncAzi-MWD	Scientific Drilling
06/24/2010	571.00	5.00	57.95	IncAzi-MWD	Scientific Drilling
06/24/2010	632.00	6.25	59.97	IncAzi-MWD	Scientific Drilling
06/24/2010	694.00	7.23	61.82	IncAzi-MWD	Scientific Drilling
06/24/2010	755.00	8.38	63.68	IncAzi-MWD	Scientific Drilling
06/24/2010	817.00	9.55	65.72	IncAzi-MWD	Scientific Drilling
06/24/2010	879.00	11.25	65.90	IncAzi-MWD	Scientific Drilling
06/24/2010	943.00	12.49	62.61	IncAzi-MWD	Scientific Drilling
06/24/2010	1,006.00	14.04	62.08	IncAzi-MWD	Scientific Drilling
06/24/2010	1,070.00	15.61	61.87	IncAzi-MWD	Scientific Drilling
06/24/2010	1,132.00	17.24	61.05	IncAzi-MWD	Scientific Drilling
06/24/2010	1,195.00	18.31	60.69	IncAzi-MWD	Scientific Drilling
06/24/2010	1,258.00	19.14	61.06	IncAzi-MWD	Scientific Drilling
06/24/2010	1,321.00	20.51	63.09	IncAzi-MWD	Scientific Drilling
06/24/2010	1,384.00	22.04	64.99	IncAzi-MWD	Scientific Drilling
06/24/2010	1,447.00	22.79	65.04	IncAzi-MWD	Scientific Drilling
06/24/2010	1,510.00	24.19	64.38	IncAzi-MWD	Scientific Drilling
06/24/2010	1,573.00	24.43	64.08	IncAzi-MWD	Scientific Drilling
06/25/2010	1,635.00	24.02	64.24	IncAzi-MWD	Scientific Drilling
06/25/2010	1,699.00	24.16	64.44	IncAzi-MWD	Scientific Drilling
06/25/2010	1,762.00	23.99	64.12	IncAzi-MWD	Scientific Drilling
06/25/2010	1,826.00	23.84	64.20	IncAzi-MWD	Scientific Drilling
06/25/2010	1,889.00	24.37	63.47	IncAzi-MWD	Scientific Drilling
06/25/2010	1,952.00	24.86	63.46	IncAzi-MWD	Scientific Drilling
06/25/2010	2,015.00	24.91	63.84	IncAzi-MWD	Scientific Drilling
06/25/2010	2,078.00	24.18	63.50	IncAzi-MWD	Scientific Drilling
06/25/2010	2,141.00	21.41	62.64	IncAzi-MWD	Scientific Drilling
06/25/2010	2,204.00	18.17	61.43	IncAzi-MWD	Scientific Drilling
06/25/2010	2,267.00	16.28	62.39	IncAzi-MWD	Scientific Drilling

06/25/2010	2,330.00	14.52	61.47	IncAzi-MWD	Scientific Drilling
06/25/2010	2,393.00	12.67	59.54	IncAzi-MWD	Scientific Drilling
06/25/2010	2,456.00	10.72	57.29	IncAzi-MWD	Scientific Drilling
06/25/2010	2,518.00	9.27	56.85	IncAzi-MWD	Scientific Drilling
06/25/2010	2,582.00	8.22	59.07	IncAzi-MWD	Scientific Drilling
06/25/2010	2,645.00	7.37	60.01	IncAzi-MWD	Scientific Drilling
06/25/2010	2,708.00	6.79	59.73	IncAzi-MWD	Scientific Drilling
06/25/2010	2,770.00	6.55	59.48	IncAzi-MWD	Scientific Drilling
06/25/2010	2,834.00	6.26	58.11	IncAzi-MWD	Scientific Drilling
06/25/2010	2,897.00	5.34	56.67	IncAzi-MWD	Scientific Drilling
06/25/2010	2,960.00	4.11	51.17	IncAzi-MWD	Scientific Drilling
06/25/2010	2,983.00	3.48	47.97	IncAzi-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	07/02/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
07/02/2010	5,443.00	1.25	.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.

Jess Huey

Subscribed and sworn to me this August 30, 2010

Crystal L. Tafey

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD AUG 31 '10

OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM West)

SEC 29-T31N-R10W

Atlantic A #8B

API # 3004535086

Original Hole

Survey: Actual

Standard Survey Report

13 July, 2010

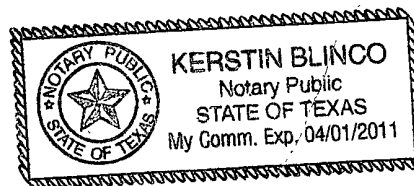
This survey is correct to the best of my knowledge and is supported by actual field data.

L. Wharton

Notorized this date 14 of July, 2010.

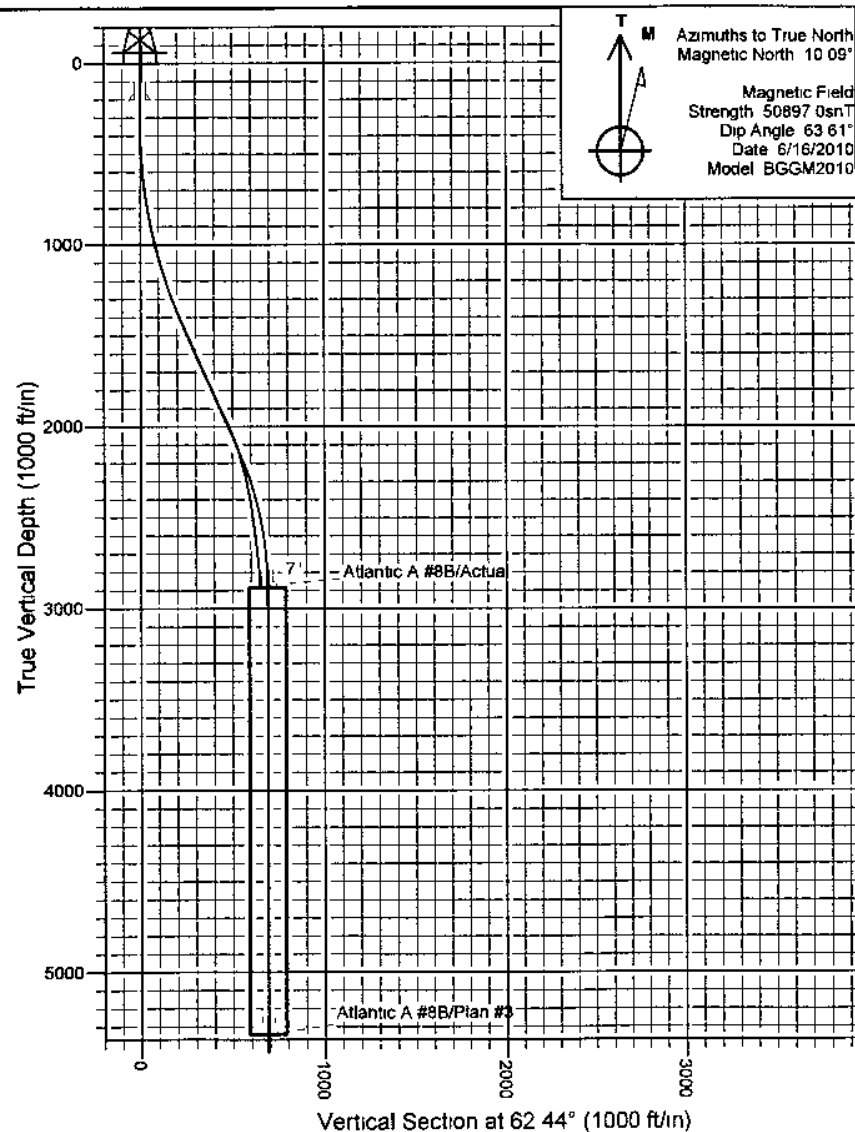
Kerstin Blinco

Notary Signature
County of Midland
State of Texas





Project SJB (NM West)
SEC 29-T31N-R10W
Well Atlantic A #8B
Wellbore Original Hole
Design Plan #3
Site



WELL DETAILS Atlantic A #8B

DFE @ 5966 0ft (AWS 730)

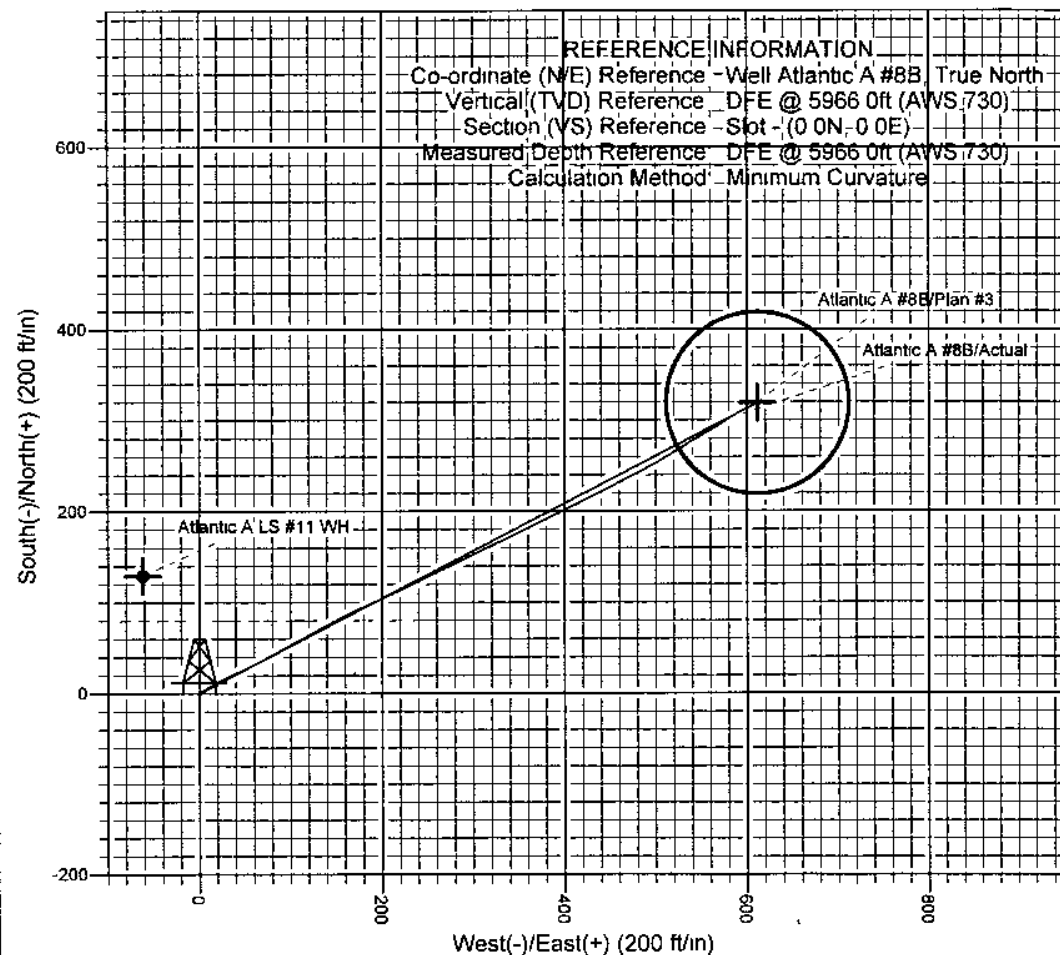
Ground Level 5951 0

Easting 477542 44

Latitude 36° 52' 17.040 N

Longitude 107° 54' 36.395 W

Slot



REFERENCE INFORMATION

Co-ordinate (N/E) Reference - Well Atlantic A #8B, True North

Vertical (TVD) Reference - DFE @ 5966 0ft (AWS 730)

Section (VS) Reference - Slot - (0.0N, 0.0E)

Measured Depth Reference - DFE @ 5966 0ft (AWS 730)

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 West)
Geodetic System US State Plane 1927 (Exact solution)
Datum NAD 1927 (NADCON CONUS)
Ellipsoid Clarke 1866
Zone New Mexico West 3003
System Datum Mean Sea Level

SITE DETAILS SEC 29-T31N-R10W
San Juan County NM
Site Centre Latitude 36° 52' 17.243 N
Longitude 107° 54' 36.068 W
Positional Uncertainty 0.0
Convergence -0.05
Local North True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Atlantic A #8B
Project:	SJB (NM West)	TVD Reference:	DFE @ 5966.0ft (AWS 730)
Site:	SEC 29-T31N-R10W	MD Reference:	DFE @ 5966.0ft (AWS 730)
Well:	Atlantic A #8B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), 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 West 3003		Using geodetic scale factor

Site						SEC 29-T31N-R10W					
Site Position:		Northing:		2,136,481.61 ft		Latitude:		36° 52' 17.243 N			
From:		Lat/Long		Easting:		477,568.98 ft		Longitude:		107° 54' 36.068 W	
Position Uncertainty:		0.0 ft		Slot Radius:		6-1/8"		Grid Convergence:		-0.05 °	

Well	Atlantic A #8B, S-Type MV/DK Well					
Well Position	+N/-S	0 0 ft	Northing:	2,136,461 06 ft	Latitude:	36° 52' 17.040 N
	+E/-W	0 0 ft	Easting:	477,542 44 ft	Longitude:	107° 54' 36.395 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	5,951 0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	6/16/2010	10.09	63.61	50,897

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	62.49	

Survey Program	Date 7/13/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
265.0	2,983.0	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
265.0	0.44	275.45	265.0	0.1	-1.0	-0.9	0.17	0.17	0.00
325.0	0.12	14.02	325.0	0.2	-1.2	-1.0	0.79	-0.53	164.28
387.0	1.34	71.64	387.0	0.5	-0.5	-0.2	2.06	1.97	92.94
447.0	2.29	57.67	447.0	1.3	1.2	1.6	1.74	1.58	-23.28
509.0	3.40	59.38	508.9	2.9	3.8	4.7	1.80	1.79	2.76
571.0	5.00	57.95	570.7	5.3	7.7	9.2	2.59	2.58	-2.31
632.0	6.25	59.97	631.4	8.4	12.8	15.2	2.07	2.05	3.31
694.0	7.23	61.82	693.0	11.9	19.1	22.5	1.62	1.58	2.98
755.0	8.38	63.68	753.4	15.7	26.5	30.8	1.93	1.89	3.05
817.0	9.55	65.72	814.7	19.8	35.3	40.4	1.96	1.89	3.29
879.0	11.25	65.90	875.6	24.4	45.5	51.6	2.74	2.74	0.29
943.0	12.49	62.61	938.3	30.1	57.3	64.7	2.21	1.94	-5.14

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Atlantic A #8B
Project:	SJB (NM West)	TVD Reference:	DFE @ 5966.0ft (AWS 730)
Site:	SEC 29-T31N-R10W	MD Reference:	DFE @ 5966.0ft (AWS 730)
Well:	Atlantic A #8B	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)
1,006.0	14.04	62.08	999.6	36.8	70.1	79.2	2.47	2.46	-0.84
1,070.0	15.61	61.87	1,061.5	44.5	84.6	95.6	2.45	2.45	-0.33
1,132.0	17.24	61.05	1,120.9	52.9	100.0	113.1	2.66	2.63	-1.32
1,195.0	18.31	60.69	1,180.9	62.3	116.8	132.3	1.71	1.70	-0.57
1,258.0	19.14	61.06	1,240.6	72.1	134.4	152.5	1.33	1.32	0.59
1,321.0	20.51	63.09	1,299.9	82.1	153.3	173.9	2.43	2.17	3.22
1,384.0	22.04	64.99	1,358.6	92.1	173.9	196.7	2.66	2.43	3.02
1,447.0	22.79	65.04	1,416.8	102.3	195.6	220.7	1.19	1.19	0.08
1,510.0	24.19	64.38	1,474.6	113.0	218.3	245.8	2.26	2.22	-1.05
1,573.0	24.43	64.08	1,532.0	124.3	241.7	271.8	0.43	0.38	-0.48
1,635.0	24.02	64.24	1,588.5	135.3	264.6	297.2	0.67	-0.66	0.26
1,699.0	24.16	64.44	1,647.0	146.7	288.1	323.3	0.25	0.22	0.31
1,762.0	23.99	64.12	1,704.5	157.8	311.3	349.0	0.34	-0.27	-0.51
1,826.0	23.84	64.20	1,763.0	169.1	334.6	374.9	0.24	-0.23	0.13
1,889.0	24.37	63.47	1,820.5	180.5	357.7	400.6	0.97	0.84	-1.16
1,952.0	24.86	63.46	1,877.8	192.2	381.2	426.9	0.78	0.78	-0.02
2,015.0	24.91	63.84	1,934.9	204.0	405.0	453.4	0.27	0.08	0.60
2,078.0	24.18	63.50	1,992.2	215.6	428.4	479.5	1.18	-1.16	-0.54
2,141.0	21.41	62.64	2,050.3	226.6	450.2	504.0	4.43	-4.40	-1.37
2,204.0	18.17	61.43	2,109.6	236.6	469.0	525.3	5.18	-5.14	-1.92
2,267.0	16.28	62.39	2,169.7	245.4	485.5	543.9	3.03	-3.00	1.52
2,330.0	14.52	61.47	2,230.5	253.2	500.2	560.7	2.82	-2.79	-1.46
2,393.0	12.67	59.54	2,291.7	260.5	513.1	575.5	3.02	-2.94	-3.06
2,456.0	10.72	57.29	2,353.4	267.2	524.0	588.2	3.18	-3.10	-3.57
2,518.0	9.27	56.85	2,414.5	273.0	533.1	598.9	2.34	-2.34	-0.71
2,582.0	8.22	59.07	2,477.7	278.2	541.3	608.6	1.72	-1.64	3.47
2,645.0	7.37	60.01	2,540.1	282.5	548.7	617.1	1.36	-1.35	1.49
2,708.0	6.79	59.73	2,602.6	286.4	555.4	624.9	0.92	-0.92	-0.44
2,770.0	6.55	59.48	2,664.2	290.1	561.6	632.1	0.39	-0.39	-0.40
2,834.0	6.26	58.11	2,727.8	293.8	567.7	639.2	0.51	-0.45	-2.14
2,897.0	5.34	56.67	2,790.5	297.2	573.1	645.6	1.48	-1.46	-2.29
2,960.0	4.11	51.17	2,853.3	300.2	577.3	650.7	2.08	-1.95	-8.73
2,983.0	3.48	47.97	2,876.2	301.2	578.4	652.2	2.89	-2.74	-13.91