

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

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

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

DISTRICT IV
1220 South 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

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 30-039-30669	² Pool Code 71599 / 72319	Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31608	⁵ Property Name SCOTT FEDERAL	⁶ Well Number 6N
⁷ GRID No. 217817	Operator Name CONOCOPHILLIPS COMPANY	Elevation 6747'

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
J	17	26-N	6-W		1500	SOUTH	2005	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
P	17	26-N	6-W		777	SOUTH	1214	EAST	RIO ARRIBA

¹² Dedicated Acres S/2 - 320 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD FEB 23 '11 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

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 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> 2/21/11 Signature Date Crystal Tafoya 2/21/2011 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 knowledge and belief. AUGUST 30, 2010 Date of Survey Signature and Seal of Registered Professional Land Surveyor <i>[Signature]</i> 8894 Certificate Number

Legal WellName : SCOTT FEDERAL #6N	API / UWI: 3003930669
Operator: CONOCOPHILLIPS COMPANY	Surf Loc: 017-026N-006W-J
St/Prov: NEW MEXICO	N/S Dist (ft): 1,500.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 2,005.00 - FEL

Wellbore Name : Original Hole				
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Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	08/25/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
08/25/2010	130.00	.50	.00	Inc-Drop	MO-TE DRILLING INC
08/25/2010	250.00	.75	.00	Inc-Drop	MO-TE DRILLING INC
08/25/2010	355.00	1.00	.00	Inc-Drop	MO-TE DRILLING INC

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEYS	09/06/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/07/2010	387.00	.12	185.20	IncAzi-MWD	Scientific Drilling
11/07/2010	449.00	.53	136.74	IncAzi-MWD	Scientific Drilling
11/07/2010	510.00	2.06	122.52	IncAzi-MWD	Scientific Drilling
11/07/2010	571.00	3.40	122.81	IncAzi-MWD	Scientific Drilling
11/07/2010	633.00	4.99	126.65	IncAzi-MWD	Scientific Drilling
11/07/2010	695.00	6.64	126.49	IncAzi-MWD	Scientific Drilling
11/07/2010	774.00	8.51	124.82	IncAzi-MWD	Scientific Drilling
11/07/2010	864.00	10.45	126.69	IncAzi-MWD	Scientific Drilling
11/07/2010	954.00	12.14	127.94	IncAzi-MWD	Scientific Drilling
11/07/2010	1,045.00	13.66	129.93	IncAzi-MWD	Scientific Drilling
11/07/2010	1,135.00	16.12	131.61	IncAzi-MWD	Scientific Drilling
11/07/2010	1,225.00	17.53	132.22	IncAzi-MWD	Scientific Drilling
11/07/2010	1,315.00	19.32	132.25	IncAzi-MWD	Scientific Drilling
11/07/2010	1,406.00	21.02	132.73	IncAzi-MWD	Scientific Drilling
11/07/2010	1,496.00	22.65	134.18	IncAzi-MWD	Scientific Drilling
11/07/2010	1,586.00	23.48	133.56	IncAzi-MWD	Scientific Drilling
11/07/2010	1,676.00	23.82	134.30	IncAzi-MWD	Scientific Drilling
11/07/2010	1,766.00	24.51	135.34	IncAzi-MWD	Scientific Drilling
11/07/2010	1,857.00	24.62	134.89	IncAzi-MWD	Scientific Drilling
11/07/2010	1,947.00	25.42	135.58	IncAzi-MWD	Scientific Drilling
11/07/2010	2,037.00	22.95	135.83	IncAzi-MWD	Scientific Drilling
11/08/2010	2,127.00	20.96	138.54	IncAzi-MWD	Scientific Drilling
11/08/2010	2,217.00	19.92	140.36	IncAzi-MWD	Scientific Drilling
11/08/2010	2,308.00	18.82	139.28	IncAzi-MWD	Scientific Drilling
11/08/2010	2,398.00	18.10	140.68	IncAzi-MWD	Scientific Drilling
11/08/2010	2,488.00	18.81	140.29	IncAzi-MWD	Scientific Drilling

RCVD FEB 23 '11
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DIST. 3

11/08/2010	2,578.00	18.62	140.19	IncAzi-MWD	Scientific Drilling
11/08/2010	2,668.00	18.10	139.23	IncAzi-MWD	Scientific Drilling
11/08/2010	2,758.00	16.03	133.47	IncAzi-MWD	Scientific Drilling
11/08/2010	2,848.00	15.36	128.58	IncAzi-MWD	Scientific Drilling
11/08/2010	2,938.00	15.58	126.01	IncAzi-MWD	Scientific Drilling
11/08/2010	3,028.00	15.58	125.47	IncAzi-MWD	Scientific Drilling
11/08/2010	3,118.00	16.17	125.01	IncAzi-MWD	Scientific Drilling
11/08/2010	3,208.00	17.55	124.13	IncAzi-MWD	Scientific Drilling
11/08/2010	3,298.00	18.39	123.21	IncAzi-MWD	Scientific Drilling
11/08/2010	3,388.00	17.39	124.55	IncAzi-MWD	Scientific Drilling
11/08/2010	3,479.00	16.33	123.90	IncAzi-MWD	Scientific Drilling
11/08/2010	3,569.00	15.28	125.27	IncAzi-MWD	Scientific Drilling
11/08/2010	3,659.00	14.49	126.49	IncAzi-MWD	Scientific Drilling
11/08/2010	3,749.00	13.69	126.68	IncAzi-MWD	Scientific Drilling
11/08/2010	3,839.00	12.93	128.70	IncAzi-MWD	Scientific Drilling
11/08/2010	3,929.00	12.36	128.98	IncAzi-MWD	Scientific Drilling
11/08/2010	4,019.00	10.97	130.19	IncAzi-MWD	Scientific Drilling
11/09/2010	4,109.00	9.62	123.63	IncAzi-MWD	Scientific Drilling
11/08/2010	4,199.00	8.10	124.74	IncAzi-MWD	Scientific Drilling
11/08/2010	4,289.00	6.93	137.91	IncAzi-MWD	Scientific Drilling
11/09/2010	4,379.00	5.68	140.80	IncAzi-MWD	Scientific Drilling
11/09/2010	4,469.00	3.63	146.83	IncAzi-MWD	Scientific Drilling
11/09/2010	4,559.00	2.09	172.90	IncAzi-MWD	Scientific Drilling
11/09/2010	4,649.00	.88	200.33	IncAzi-MWD	Scientific Drilling
11/09/2010	4,739.00	.92	205.13	IncAzi-MWD	Scientific Drilling
11/09/2010	4,830.00	1.03	195.86	IncAzi-MWD	Scientific Drilling
11/09/2010	4,920.00	.60	233.28	IncAzi-MWD	Scientific Drilling
11/09/2010	5,010.00	.81	227.06	IncAzi-MWD	Scientific Drilling
11/09/2010	5,033.00	.71	227.15	IncAzi-MWD	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	12/16/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
12/16/2010	7,758.00	.75	.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.

Tom Falmuth

Subscribed and sworn to me this February 21, 2011

RCVD FEB 23 '11
OIL CONS. DIV.
DIST. 3

Crystal L. Tapeya

Notary Public in and for San Juan County, New Mexico

My Commission expires

10/12/2014

RCVD FEB 23 '11
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 17-T26N-R6W
Scott Federal #6N
API# 3003930669
Original Hole

Survey: Actual

Standard Survey Report

16 November, 2010



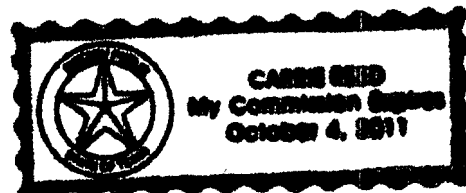
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notorized this date 16th of November, 2010.

Caree Reed

Notary Signature
County of Midland
State of Texas

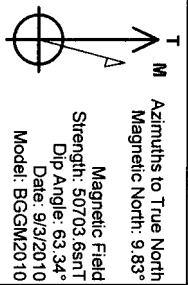




Scientific Drilling

Directional Drilling Operations

Project: SJB (NM Central)
Site: SEC 17-T26N-R6W
Well: Scott Federal #6N
Wellbore: Original Hole
Design: Plan #2

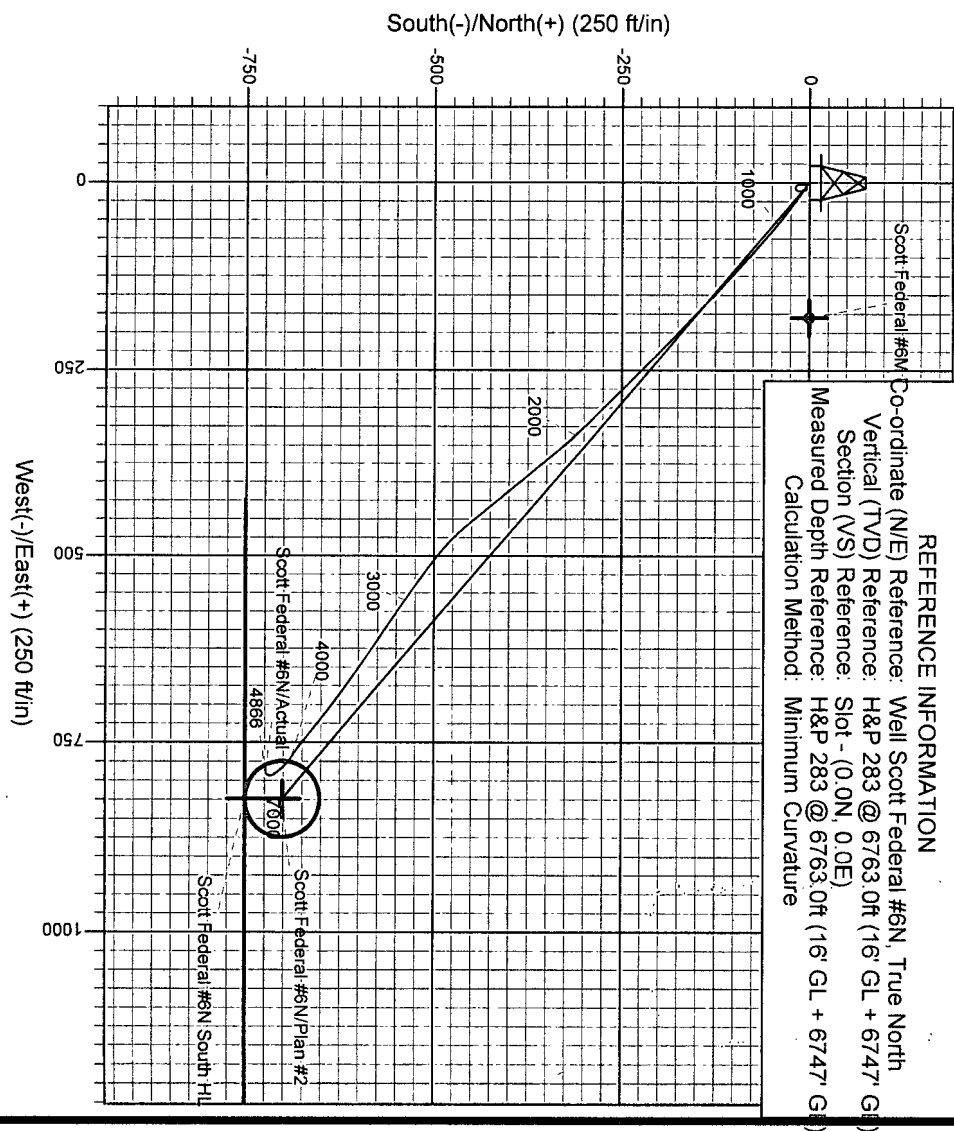
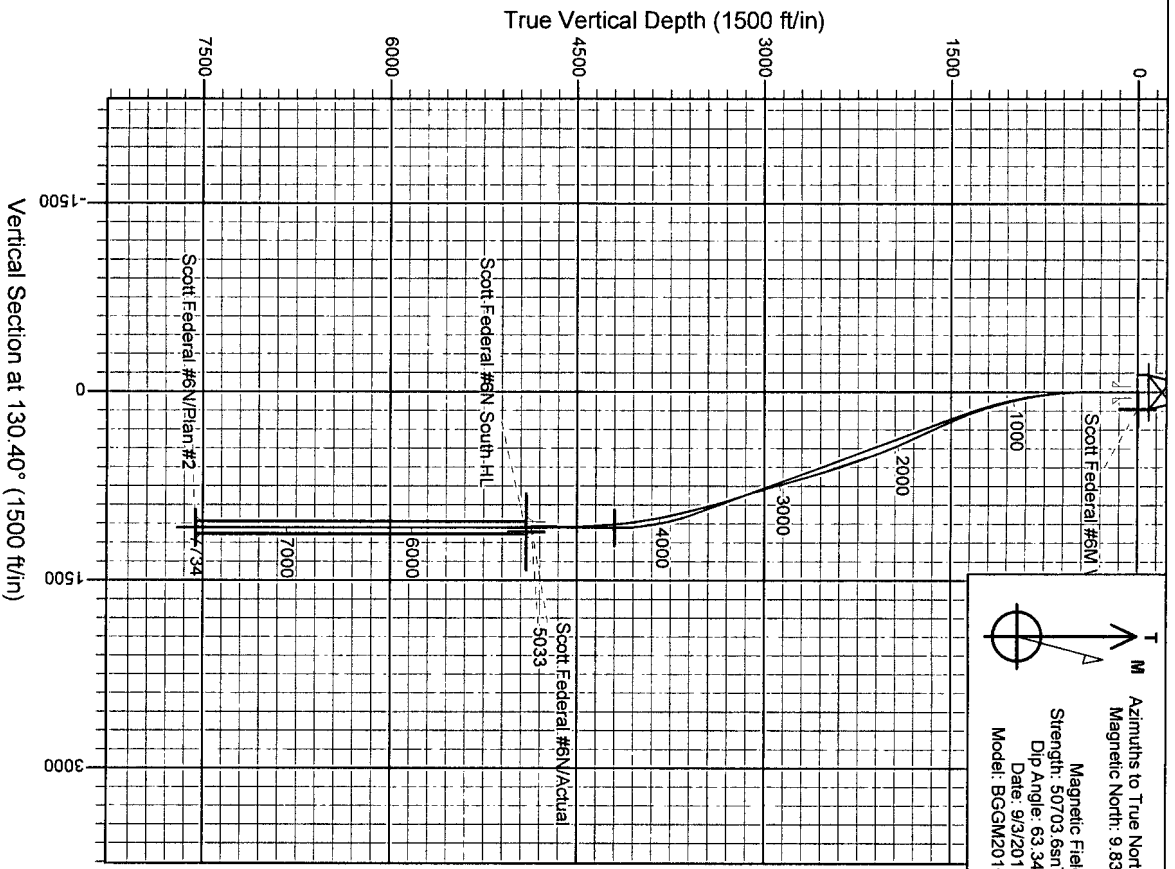


+N/-S 0.0
+E/-W 0.0
Northing 1997564.12

WELL DETAILS: Scott Federal #6N
H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Ground Level: 6747.0
Easting 135891.94
Latitude 36° 29' 0.762 N
Longitude 107° 29' 18.768 W

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Scott Federal #6N, True North
Vertical (TVD) Reference: H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: H&P 283 @ 6763.0ft (16' GL + 6747' GL)
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 17-T26N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 29' 0.762 N
Longitude: 107° 29' 18.768 W
Positional Uncertainty: 7.5
Convergence: -0.74
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Scott Federal #6N
Project:	SJB (NM Central)	TVD Reference:	H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Site:	SEC 17-T26N-R6W	MD Reference:	H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Well:	Scott Federal #6N	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 17-T26N-R6W		
Site Position:		Northing:	1,997,564.12 ft
From:	Lat/Long	Easting:	135,891.94 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 29' 0.762 N
		Longitude:	107° 29' 18.768 W
		Grid Convergence:	-0.74 °

Well	Scott Federal #6N, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 1,997,564.12 ft
	+E/-W	0.0 ft	Easting: 135,891.94 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 29' 0.762 N
		Longitude:	107° 29' 18.768 W
		Ground Level:	6,747.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	9/3/2010	9.83	63.35	50,704

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	132.45

Survey Program	Date	11/16/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
387.0	5,033.0	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
387.0	0.12	185.20	387.0	-0.4	0.0	0.2	0.03	0.03	0.00
449.0	0.53	136.74	449.0	-0.7	0.2	0.6	0.74	0.66	-78.16
510.0	2.06	122.52	510.0	-1.5	1.3	1.9	2.54	2.51	-23.31
571.0	3.40	122.81	570.9	-3.0	3.7	4.8	2.20	2.20	0.48
633.0	4.99	126.65	632.7	-5.6	7.4	9.3	2.60	2.56	6.19
695.0	6.64	126.49	694.4	-9.4	12.5	15.5	2.66	2.66	-0.26
774.0	8.51	124.82	772.7	-15.4	20.9	25.9	2.38	2.37	-2.11
864.0	10.45	126.69	861.5	-24.1	33.0	40.6	2.18	2.16	2.08
954.0	12.14	127.94	949.7	-34.8	47.0	58.2	1.90	1.88	1.39
1,045.0	13.66	129.93	1,038.5	-47.6	62.8	78.4	1.74	1.67	2.19
1,135.0	16.12	131.61	1,125.4	-62.7	80.2	101.5	2.77	2.73	1.87
1,225.0	17.53	132.22	1,211.6	-80.1	99.6	127.6	1.58	1.57	0.68

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Scott Federal #6N
Project:	SJB (NM Central)	TVD Reference:	H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Site:	SEC 17-T26N-R6W	MD Reference:	H&P 283 @ 6763.0ft (16' GL + 6747' GL)
Well:	Scott Federal #6N	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)
1,315.0	19.32	132.25	1,297.0	-99.2	120.7	156.0	1.99	1.99	0.03
1,406.0	21.02	132.73	1,382.4	-120.4	143.8	187.4	1.88	1.87	0.53
1,496.0	22.65	134.18	1,465.9	-143.5	168.1	220.9	1.91	1.81	1.61
1,586.0	23.48	133.56	1,548.7	-167.9	193.5	256.1	0.96	0.92	-0.69
1,676.0	23.82	134.30	1,631.2	-193.0	219.5	292.2	0.50	0.38	0.82
1,766.0	24.51	135.34	1,713.3	-218.9	245.7	329.0	0.90	0.77	1.16
1,857.0	24.62	134.89	1,796.0	-245.7	272.4	366.8	0.24	0.12	-0.49
1,947.0	25.42	135.58	1,877.6	-272.8	299.2	404.8	0.95	0.89	0.77
2,037.0	22.95	135.83	1,959.7	-299.1	324.9	441.6	2.75	-2.74	0.28
2,127.0	20.96	138.54	2,043.1	-323.8	347.8	475.2	2.48	-2.21	3.01
2,217.0	19.92	140.36	2,127.5	-347.7	368.2	506.4	1.35	-1.16	2.02
2,308.0	18.82	139.28	2,213.3	-370.7	387.7	536.3	1.27	-1.21	-1.19
2,398.0	18.10	140.68	2,298.7	-392.6	406.0	564.5	0.94	-0.80	1.56
2,488.0	18.81	140.29	2,384.1	-414.5	424.2	592.8	0.80	0.79	-0.43
2,578.0	18.62	140.19	2,469.3	-436.7	442.6	621.4	0.21	-0.21	-0.11
2,668.0	18.10	139.23	2,554.7	-458.4	461.0	649.5	0.67	-0.58	-1.07
2,758.0	16.03	133.47	2,640.8	-477.5	479.1	675.8	2.97	-2.30	-6.40
2,848.0	15.36	128.58	2,727.4	-493.5	497.4	700.1	1.65	-0.74	-5.43
2,938.0	15.58	126.01	2,814.2	-508.0	516.5	724.0	0.80	0.24	-2.86
3,028.0	15.58	125.47	2,900.9	-522.1	536.2	748.0	0.16	0.00	-0.60
3,118.0	16.17	125.01	2,987.4	-536.3	556.3	772.4	0.67	0.66	-0.51
3,208.0	17.55	124.13	3,073.5	-551.1	577.8	798.3	1.56	1.53	-0.98
3,298.0	18.39	123.21	3,159.2	-566.5	600.9	825.7	0.99	0.93	-1.02
3,388.0	17.39	124.55	3,244.8	-581.9	623.8	853.1	1.20	-1.11	1.49
3,479.0	16.33	123.90	3,331.9	-596.8	645.6	879.2	1.18	-1.16	-0.71
3,569.0	15.28	125.27	3,418.5	-610.7	665.8	903.5	1.24	-1.17	1.52
3,659.0	14.49	126.49	3,505.5	-624.2	684.6	926.4	0.94	-0.88	1.36
3,749.0	13.69	126.66	3,592.8	-637.3	702.2	948.2	0.89	-0.89	0.19
3,839.0	12.93	128.70	3,680.3	-649.9	718.6	968.9	0.99	-0.84	2.27
3,929.0	12.36	128.98	3,768.2	-662.3	733.9	988.5	0.64	-0.63	0.31
4,019.0	10.97	130.19	3,856.3	-673.9	747.9	1,006.7	1.57	-1.54	1.34
4,109.0	9.62	123.63	3,944.8	-683.6	760.7	1,022.7	1.98	-1.50	-7.29
4,199.0	8.10	124.74	4,033.8	-691.4	772.2	1,036.4	1.70	-1.69	1.23
4,289.0	6.93	137.91	4,123.0	-699.0	781.1	1,048.1	2.31	-1.30	14.63
4,379.0	5.68	140.80	4,212.5	-706.5	787.5	1,057.9	1.43	-1.39	3.21
4,469.0	3.63	146.83	4,302.2	-712.3	791.9	1,065.1	2.34	-2.28	6.70
4,559.0	2.09	172.90	4,392.0	-716.3	793.7	1,069.1	2.20	-1.71	28.97
4,649.0	0.88	200.33	4,482.0	-718.6	793.6	1,070.6	1.52	-1.34	30.48
4,739.0	0.92	205.13	4,572.0	-719.9	793.1	1,071.1	0.09	0.04	5.33
4,830.0	1.03	195.86	4,663.0	-721.4	792.5	1,071.7	0.21	0.12	-10.19
4,920.0	0.60	233.28	4,753.0	-722.4	791.9	1,071.9	0.74	-0.48	41.58
5,010.0	0.81	227.06	4,843.0	-723.1	791.1	1,071.8	0.25	0.23	-6.91
5,033.0	0.71	227.15	4,866.0	-723.3	790.9	1,071.8	0.43	-0.43	0.39