

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised July 10, 2010

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, NM 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

AS DRILLED PLAT

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31116	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7465	⁵ Property Name SAN JUAN 29-7 UNIT	⁶ Well Number 56C
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6243'

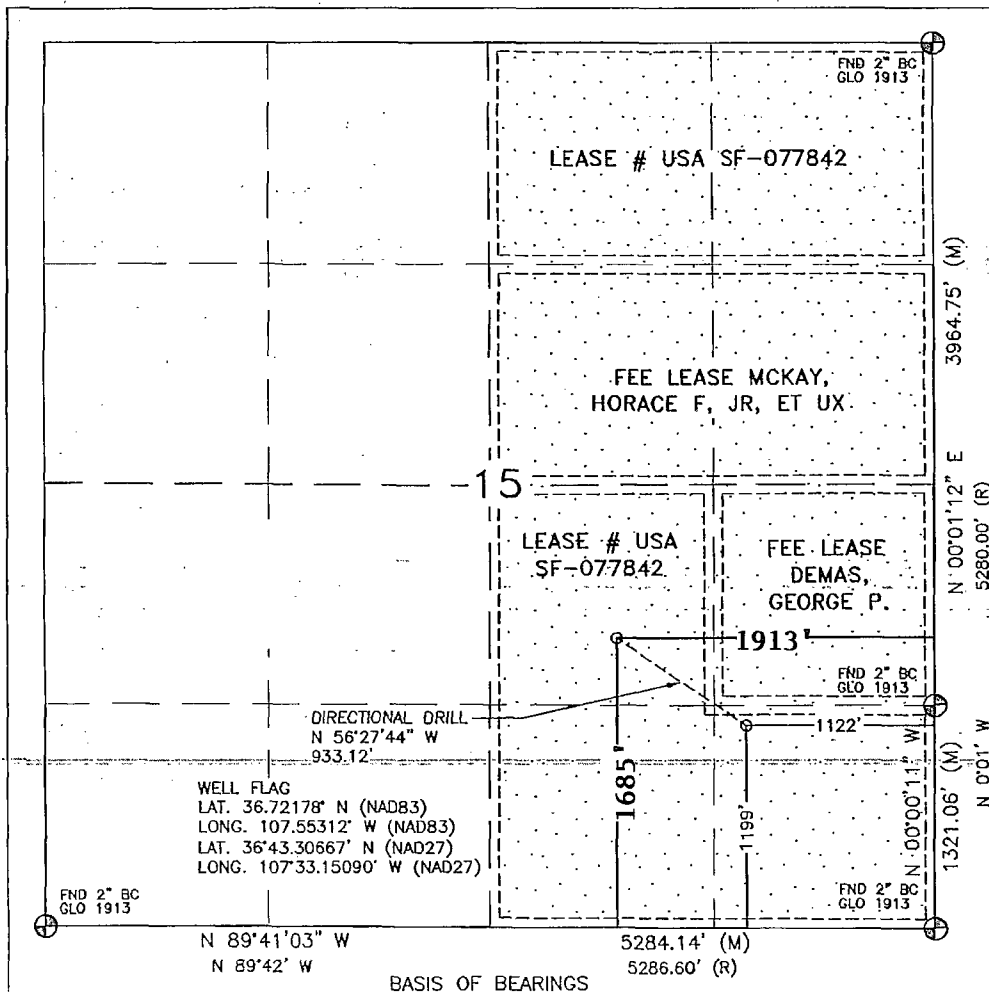
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	29N	7W		1199'	SOUTH	1122'	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
J	15	29N	7W		1685'	SOUTH	1913'	EAST	RIO ARRIBA
¹² Dedicated Acres 320.00 ACRES - E/2			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order. No. RCVD DEC 6 '12 OIL CONS. DIV. DIST. 3		

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



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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Arleen Kellywood 12/5/12
Signature Date

Arleen Kellywood
Printed Name

arleen.r.kellywood@conocophillips.com

E-mail Address

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.

MARCH 7, 2011

Date of Survey

Signature and Seal of Professional Surveyor:

DAVID R. RUSSELL
REGISTERED PROFESSIONAL LAND SURVEYOR
10201
DAVID-RUSSELL
Certificate Number 10201

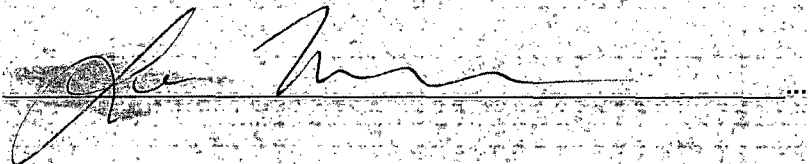
ConocoPhillips**COP Deviation Report
SAN JUAN 29-7 UNIT #56C****RCVD DEC 6 '12
OIL CONS. DIV.
DIST. 3**

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 29-7 UNIT #56C	API / UWI 3003931116	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 015-029N-007W-P	N/S Dist (ft) 1,199.00	N/S Ref FSL	E/W Dist (ft) 1,122.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/9/2012	128.00	0.25		Inc-WL	Mo Te Drilling Inc
10/9/2012	238.00	0.50		Inc-WL	Mo Te Drilling Inc
10/23/2012	298.00	0.68	74.54	IncAzi-MWD	Scientific Drilling
10/23/2012	360.00	0.51	25.58	IncAzi-MWD	Scientific Drilling
10/23/2012	422.00	1.22	327.63	IncAzi-MWD	Scientific Drilling
10/23/2012	484.00	1.85	320.49	IncAzi-MWD	Scientific Drilling
10/23/2012	546.00	2.69	307.18	IncAzi-MWD	Scientific Drilling
10/23/2012	608.00	3.69	305.64	IncAzi-MWD	Scientific Drilling
10/23/2012	670.00	4.60	299.93	IncAzi-MWD	Scientific Drilling
10/23/2012	732.00	6.07	298.18	IncAzi-MWD	Scientific Drilling
10/24/2012	793.00	7.01	297.74	IncAzi-MWD	Scientific Drilling
10/24/2012	856.00	8.40	298.03	IncAzi-MWD	Scientific Drilling
10/24/2012	919.00	9.31	299.19	IncAzi-MWD	Scientific Drilling
10/24/2012	982.00	10.16	297.63	IncAzi-MWD	Scientific Drilling
10/24/2012	1,045.00	11.44	297.80	IncAzi-MWD	Scientific Drilling
10/24/2012	1,108.00	12.33	298.38	IncAzi-MWD	Scientific Drilling
10/24/2012	1,172.00	13.27	300.30	IncAzi-MWD	Scientific Drilling
10/24/2012	1,234.00	14.23	299.81	IncAzi-MWD	Scientific Drilling
10/24/2012	1,297.00	15.49	303.49	IncAzi-MWD	Scientific Drilling
10/24/2012	1,360.00	16.39	304.05	IncAzi-MWD	Scientific Drilling
10/24/2012	1,423.00	17.09	303.16	IncAzi-MWD	Scientific Drilling
10/24/2012	1,486.00	18.04	303.53	IncAzi-MWD	Scientific Drilling
10/24/2012	1,550.00	19.40	305.53	IncAzi-MWD	Scientific Drilling
10/24/2012	1,613.00	20.28	306.14	IncAzi-MWD	Scientific Drilling
10/24/2012	1,676.00	20.55	306.20	IncAzi-MWD	Scientific Drilling
10/24/2012	1,740.00	21.36	306.59	IncAzi-MWD	Scientific Drilling
10/24/2012	1,803.00	22.27	307.32	IncAzi-MWD	Scientific Drilling
10/24/2012	1,866.00	22.71	307.17	IncAzi-MWD	Scientific Drilling
10/24/2012	1,930.00	23.33	306.69	IncAzi-MWD	Scientific Drilling
10/24/2012	1,993.00	23.52	307.21	IncAzi-MWD	Scientific Drilling
10/24/2012	2,057.00	23.71	306.43	IncAzi-MWD	Scientific Drilling
10/24/2012	2,120.00	23.77	306.45	IncAzi-MWD	Scientific Drilling
10/24/2012	2,183.00	24.04	305.55	IncAzi-MWD	Scientific Drilling
10/24/2012	2,246.00	24.44	304.78	IncAzi-MWD	Scientific Drilling
10/24/2012	2,310.00	24.33	303.94	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

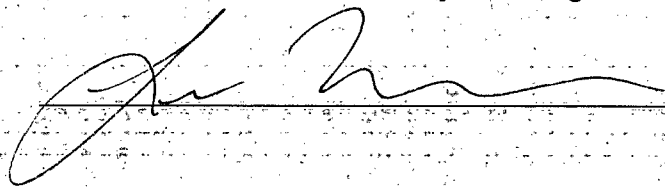
My Commission expires _____

COP Deviation Report
SAN JUAN 29-7 UNIT #56C

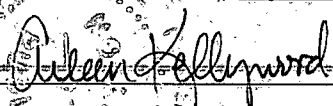
Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
10/24/2012	2,373.00	24.43	303.79	IncAzi-MWD	Scientific Drilling
10/24/2012	2,437.00	24.27	302.25	IncAzi-MWD	Scientific Drilling
10/24/2012	2,500.00	24.67	302.61	IncAzi-MWD	Scientific Drilling
10/24/2012	2,563.00	23.76	300.51	IncAzi-MWD	Scientific Drilling
10/24/2012	2,626.00	23.03	300.62	IncAzi-MWD	Scientific Drilling
10/24/2012	2,689.00	22.73	302.23	IncAzi-MWD	Scientific Drilling
10/24/2012	2,753.00	21.69	300.39	IncAzi-MWD	Scientific Drilling
10/24/2012	2,784.00	20.95	300.52	IncAzi-MWD	Scientific Drilling
10/25/2012	2,847.00	20.04	300.84	IncAzi-MWD	Scientific Drilling
10/25/2012	2,910.00	19.46	299.40	IncAzi-MWD	Scientific Drilling
10/25/2012	2,973.00	18.38	297.43	IncAzi-MWD	Scientific Drilling
10/25/2012	3,037.00	17.27	294.96	IncAzi-MWD	Scientific Drilling
10/25/2012	3,101.00	16.54	293.69	IncAzi-MWD	Scientific Drilling
10/25/2012	3,163.00	15.50	294.20	IncAzi-MWD	Scientific Drilling
10/25/2012	3,226.00	15.33	293.56	IncAzi-MWD	Scientific Drilling
10/25/2012	3,290.00	15.43	292.90	IncAzi-MWD	Scientific Drilling
10/25/2012	3,353.00	14.87	292.46	IncAzi-MWD	Scientific Drilling
10/25/2012	3,385.00	14.08	293.53	IncAzi-MWD	Scientific Drilling
10/25/2012	3,416.00	13.34	293.32	IncAzi-MWD	Scientific Drilling
10/25/2012	3,479.00	11.48	292.56	IncAzi-MWD	Scientific Drilling
10/25/2012	3,543.00	10.53	290.88	IncAzi-MWD	Scientific Drilling
10/25/2012	3,606.00	9.28	290.11	IncAzi-MWD	Scientific Drilling
10/25/2012	3,669.00	7.85	292.97	IncAzi-MWD	Scientific Drilling
10/25/2012	3,732.00	6.27	294.71	IncAzi-MWD	Scientific Drilling
10/25/2012	3,796.00	4.74	296.58	IncAzi-MWD	Scientific Drilling
10/25/2012	3,859.00	2.99	305.10	IncAzi-MWD	Scientific Drilling
10/25/2012	3,920.00	2.42	304.69	IncAzi-MWD	Scientific Drilling
11/2/2012	7,591.00	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 Dec. 5, 2012



Notary Public in and for San Juan County, New Mexico

My Commission expires May 26, 2015



RCVD DEC 6 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips
SJB (NM Central)
SEC 15 T29N R7W
San Juan 29-7 Unit 56C

OH

Design: OH

30-039-31116

Standard Survey Report

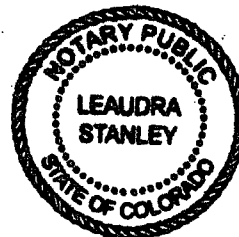
5 November, 2012

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

Notarized this date 5th of November, 2012.

Leandra Stanley

Notary Signature
County of Mesa
State of Colorado



My Commission Expires 11/26/2012



Scientific Drilling

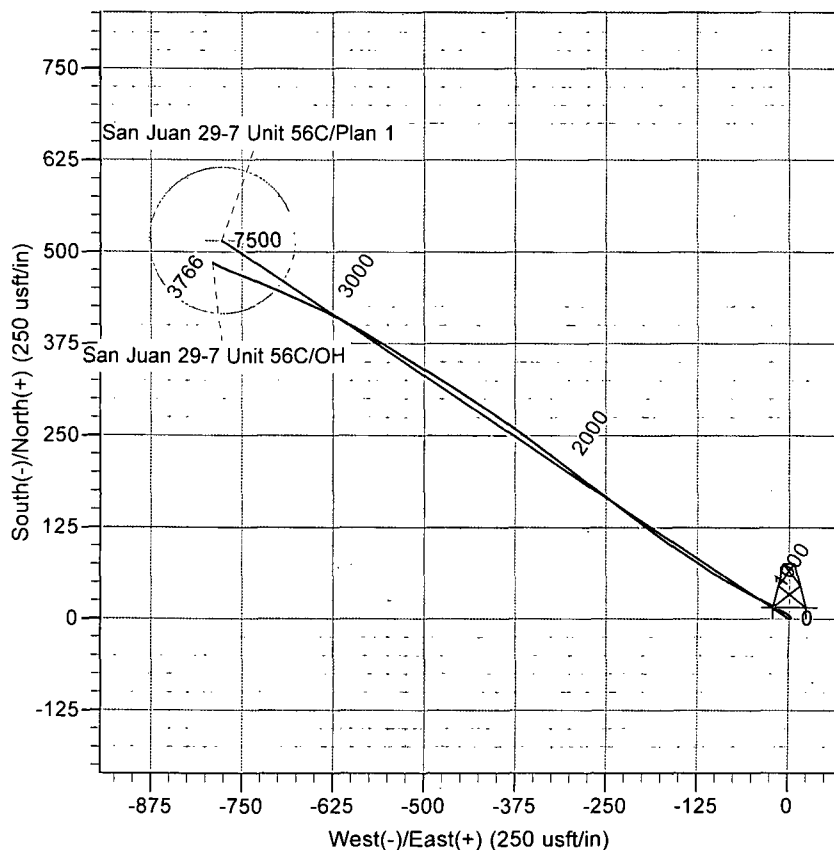
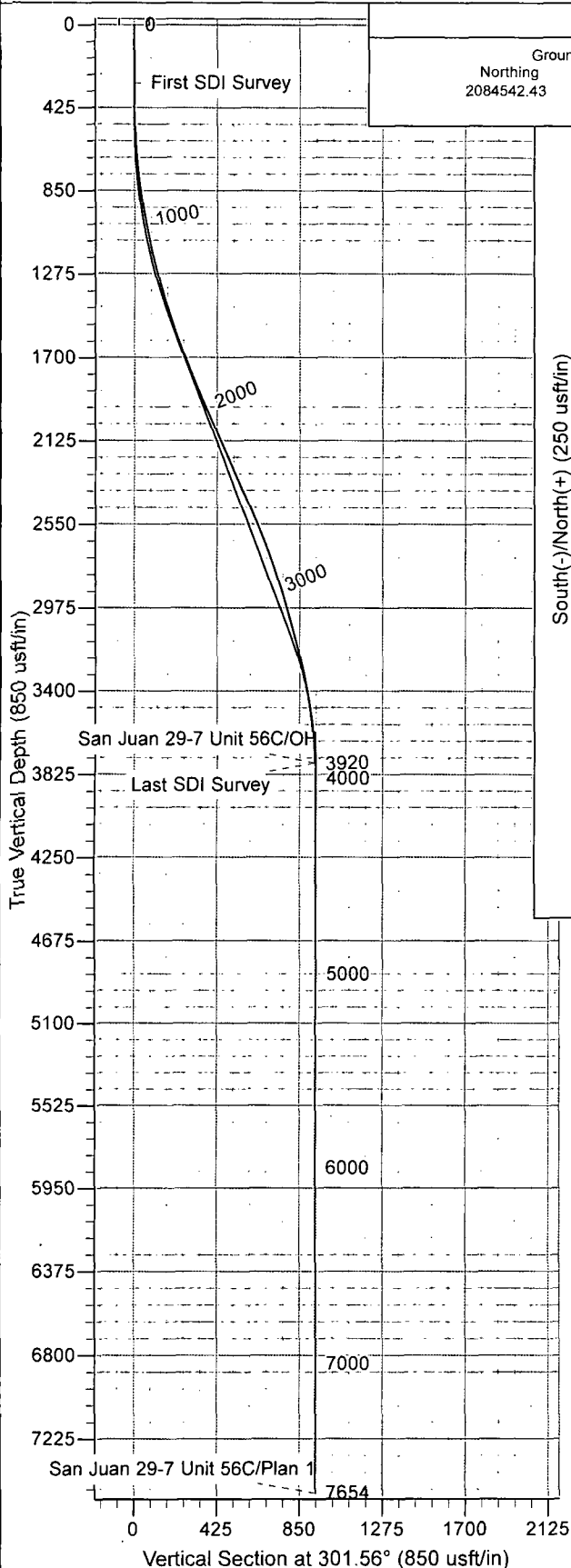


Project: SJB (NM Central)
Site: SEC 15-T29N-R7W
Well: San Juan 29-7 Unit 56C
Wellbore: OH
Design: OH



Azimuths to True North
Magnetic North: 9.69°

Magnetic Field
Strength: 50570.1snT
Dip Angle: 63.44°
Date: 10/11/2012
Model: BGGM2012



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well San Juan 29-7 Unit 56C, True North
Vertical (TVD) Reference: GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Calculation Method: Minimum Curvature
Local North: True

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

Scientific Drilling International

Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 29-7 Unit 56C
Project:	SJB (NM Central)	TVD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Site:	SEC 15-T29N-R7W	MD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Well:	San Juan 29-7 Unit 56C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 DB

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 15-T29N-R7W		
Site Position:		Northing:	2,084,542.42 usft
From:	Lat/Long	Easting:	118,261.42 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	36° 43' 18.400 N
		Longitude:	107° 33' 9.054 W
		Grid Convergence:	-0.78 °

Well	San Juan 29-7 Unit 56C, 1199' FSL 1122' FEL		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	36° 43' 18.400 N
		Longitude:	107° 33' 9.054 W
		Ground Level:	6,243.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2012	10/11/12	9.69
			Dip Angle
			(°)
			Field Strength
			(nT)
			63.44
			50.570

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	32.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	32.0	0.0	0.0
			Direction
			(°)
			301.56

Survey Program	Date 11/02/12		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
298.0	3,920.0	Survey #1 - Surface MWD (OH)	MWD SDI
			Description
			MWD - Standard ver 1.0.1

Survey			
Measured Depth	Inclination	Azimuth	Vertical Depth
(usft)	(°)	(°)	(usft)
0.0	0.00	0.00	0.0
298.0	0.68	74.54	298.0
First SDI Survey			
360.0	0.51	25.58	360.0
422.0	1.22	327.63	422.0
484.0	1.85	320.49	484.0
546.0	2.69	307.18	545.9
608.0	3.69	305.64	607.8
670.0	4.60	299.93	669.7
732.0	6.07	298.18	731.4
793.0	7.01	297.74	792.0
			+N/-S
			(usft)
			+E/-W
			(usft)
			Vertical Section
			(usft)
			Dogleg Rate
			(°/100usft)
			Build Rate
			(°/100usft)
			Turn Rate
			(°/100usft)
			0.00
			0.23
			0.23
			-0.27
			-93.47
			-11.52
			-21.47
			-2.48
			-9.21
			-2.82
			-0.72

Scientific Drilling International
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 29-7 Unit 56C
Project:	SJB (NM Central)	TVD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Site:	SEC 15-T29N-R7W	MD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Well:	San Juan 29-7 Unit 56C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
856.0	8.40	298.03	854.4	19.0	-26.0	32.2	2.21	2.21	0.46
919.0	9.31	299.19	916.7	23.7	-34.6	41.8	1.47	1.44	1.84
982.0	10.16	297.63	978.8	28.8	-43.9	52.5	1.41	1.35	-2.48
1,045.0	11.44	297.80	1,040.6	34.2	-54.4	64.3	2.03	2.03	0.27
1,108.0	12.33	298.38	1,102.3	40.4	-65.8	77.2	1.43	1.41	0.92
1,172.0	13.27	300.30	1,164.7	47.3	-78.2	91.4	1.61	1.47	3.00
1,234.0	14.23	299.81	1,224.9	54.7	-90.9	106.1	1.56	1.55	-0.79
1,297.0	15.49	303.47	1,285.8	63.2	-104.7	122.3	2.49	2.00	5.81
1,360.0	16.39	304.05	1,346.4	72.8	-119.1	139.5	1.45	1.43	0.92
1,423.0	17.09	303.16	1,406.7	82.8	-134.2	157.7	1.18	1.11	-1.41
1,486.0	18.04	303.53	1,466.8	93.3	-150.0	176.7	1.52	1.51	0.59
1,550.0	19.40	305.53	1,527.4	104.9	-167.0	197.2	2.35	2.13	3.13
1,613.0	20.28	306.14	1,586.7	117.5	-184.3	218.5	1.43	1.40	0.97
1,676.0	20.55	306.20	1,645.7	130.4	-202.0	240.4	0.43	0.43	0.10
1,740.0	21.36	306.59	1,705.5	144.0	-220.5	263.2	1.28	1.27	0.61
1,803.0	22.27	307.32	1,763.9	158.1	-239.2	286.5	1.51	1.44	1.16
1,866.0	22.71	307.17	1,822.2	172.7	-258.3	310.5	0.70	0.70	-0.24
1,930.0	23.33	306.69	1,881.1	187.7	-278.4	335.4	1.01	0.97	-0.75
1,993.0	23.52	307.21	1,938.9	202.8	-298.4	360.4	0.45	0.30	0.83
2,057.0	23.71	306.43	1,997.5	218.1	-318.9	385.9	0.57	0.30	-1.22
2,120.0	23.77	306.45	2,055.2	233.2	-339.3	411.2	0.10	0.10	0.03
2,183.0	24.04	305.55	2,112.8	248.2	-359.9	436.6	0.72	0.43	-1.43
2,246.0	24.44	304.78	2,170.2	263.1	-381.1	462.4	0.81	0.63	-1.22
2,310.0	24.33	303.94	2,228.5	278.0	-402.9	488.8	0.57	-0.17	-1.31
2,373.0	24.43	303.79	2,285.9	292.5	-424.5	514.8	0.19	0.16	-0.24
2,437.0	24.27	302.25	2,344.2	306.9	-446.6	541.2	1.02	-0.25	-2.41
2,500.0	24.67	302.61	2,401.5	320.9	-468.6	567.3	0.68	0.63	0.57
2,563.0	23.76	300.51	2,459.0	334.4	-490.7	593.1	1.99	-1.44	-3.33
2,626.0	23.03	300.62	2,516.8	347.1	-512.2	618.1	1.16	-1.16	0.17
2,689.0	22.73	302.23	2,574.9	359.9	-533.1	642.6	1.10	-0.48	2.56
2,753.0	21.69	300.39	2,634.1	372.5	-553.8	666.8	1.95	-1.63	-2.88
2,784.0	20.95	300.52	2,663.0	378.2	-563.5	678.1	2.39	-2.39	0.42
2,847.0	20.04	300.84	2,722.0	389.4	-582.4	700.1	1.46	-1.44	0.51
2,910.0	19.46	299.40	2,781.3	400.1	-600.9	721.4	1.20	-0.92	-2.29
2,973.0	18.38	297.43	2,840.9	409.8	-618.8	741.8	1.99	-1.71	-3.13
3,037.0	17.27	294.96	2,901.8	418.5	-636.4	761.3	2.10	-1.73	-3.86
3,101.0	16.54	293.69	2,963.1	426.2	-653.3	779.8	1.28	-1.14	-1.98
3,163.0	15.50	294.20	3,022.6	433.1	-669.0	796.7	1.69	-1.68	0.82
3,226.0	15.33	293.56	3,083.4	439.9	-684.3	813.3	0.38	-0.27	-1.02
3,290.0	15.43	292.90	3,145.1	446.6	-699.9	830.1	0.31	0.16	-1.03
3,353.0	14.87	292.46	3,205.9	452.9	-715.1	846.4	0.91	-0.89	-0.70
3,385.0	14.08	293.53	3,236.9	456.1	-722.4	854.3	2.61	-2.47	3.34
3,416.0	13.34	293.32	3,267.0	459.0	-729.2	861.6	2.39	-2.39	-0.68

Scientific Drilling International
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 29-7 Unit 56C
Project:	SJB (NM Central)	TVD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Site:	SEC 15-T29N-R7W	MD Reference:	GL 6243' & KB 15' @ 6258.0usft (AWS 711)
Well:	San Juan 29-7 Unit 56C	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington 5000 DB

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
3,479.0	11.48	292.56	3,328.5	464.3	-741.7	874.9	2.96	-2.95	-1.21	
3,543.0	10.53	290.88	3,391.3	468.8	-753.0	887.0	1.57	-1.48	-2.63	
3,606.0	9.28	290.11	3,453.4	472.6	-763.1	897.6	2.00	-1.98	-1.22	
3,669.0	7.85	292.97	3,515.7	476.0	-771.9	906.9	2.37	-2.27	4.54	
3,732.0	6.27	294.71	3,578.2	479.1	-779.0	914.5	2.53	-2.51	2.76	
3,796.0	4.74	296.58	3,641.9	481.8	-784.5	920.6	2.41	-2.39	2.92	
3,859.0	2.99	305.10	3,704.8	483.9	-788.2	924.9	2.92	-2.78	13.52	
3,920.0	2.42	304.69	3,765.7	485.5	-790.5	927.7	0.93	-0.93	-0.67	

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
298.0	298.0	0.5	1.7	First SDI Survey
3,920.0	3,765.7	485.5	-790.5	Last SDI Survey

Checked By: _____ Approved By: _____ Date: _____