

DISTRICT I
1925 N. French Dr., Hobbs, N.M. 88240
Phone: (505) 893-6161 Fax: (505) 893-9700

DISTRICT II
611 S. First St., Artesia, N.M. 88210
Phone: (505) 748-1239 Fax: (505) 748-9720

DISTRICT III
1000 La Granga Rd., Aztec, N.M. 87410
Phone: (505) 894-0175 Fax: (505) 894-0170

DISTRICT IV
1129 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-9460 Fax: (505) 478-9460

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30635	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31739	⁵ Property Name SAN JUAN 28-7 UNIT	⁶ Well Number 182 N
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6591'

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	3	27N	7W		1623'	SOUTH	1568'	EAST	RIO ARRIBA

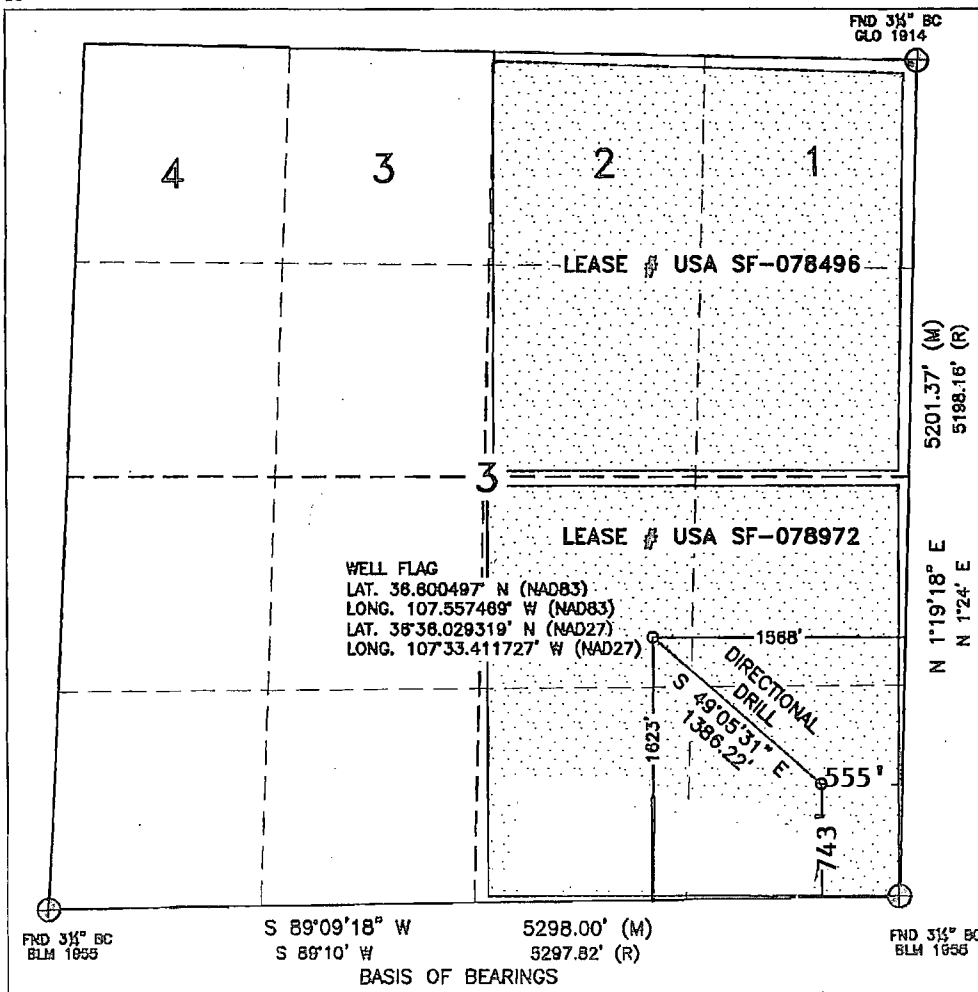
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	27N	7W		743'	SOUTH	555'	EAST	RIO ARRIBA

¹² Dedicated Acres 319.25 Acres - (E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JUN 4 '13 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

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.

Arleen White 5/31/13

Signature Date

Arleen White

Printed Name

arleen.r.white@conocophillips.com

E-mail Address

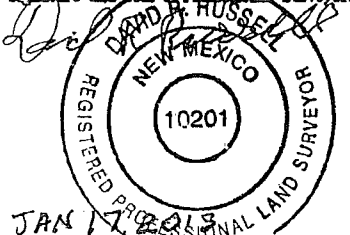
18 SURVEYOR CERTIFICATION

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.

APRIL 23, 2008

Date of Survey

Signature and Seal of Professional Surveyor



DAVID RUSSELL

Certificate Number

10201

COP Deviation Report
SAN JUAN 28-7 UNIT #182N

RCVD JUN 4 '13
OIL CONS. DIV.

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 28-7 UNIT #182N	API / UWI 3003930635	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 003-027N-007W-J		N/S Dist (ft) 1,623.00	N/S Ref FSL	E/W Dist (ft) 1,568.00
				E/W Ref FEL

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
4/15/2013	133.00	0.50		Inc-Drop	Mo Te Drilling Inc
4/15/2013	232.00	1.00		Inc-Drop	Mo Te Drilling Inc
4/20/2013	269.00	0.91	145.59	IncAzi-MWD	Scientific Drilling
4/20/2013	330.00	1.17	123.62	IncAzi-MWD	Scientific Drilling
4/20/2013	392.00	2.58	123.73	IncAzi-MWD	Scientific Drilling
4/20/2013	453.00	4.18	124.70	IncAzi-MWD	Scientific Drilling
4/20/2013	515.00	5.47	127.09	IncAzi-MWD	Scientific Drilling
4/20/2013	577.00	7.03	128.39	IncAzi-MWD	Scientific Drilling
4/20/2013	639.00	9.15	131.94	IncAzi-MWD	Scientific Drilling
4/20/2013	701.00	11.12	134.50	IncAzi-MWD	Scientific Drilling
4/20/2013	763.00	13.23	133.31	IncAzi-MWD	Scientific Drilling
4/20/2013	824.00	15.35	132.51	IncAzi-MWD	Scientific Drilling
4/20/2013	887.00	17.93	132.06	IncAzi-MWD	Scientific Drilling
4/20/2013	951.00	20.22	132.50	IncAzi-MWD	Scientific Drilling
4/20/2013	1,014.00	21.63	134.04	IncAzi-MWD	Scientific Drilling
4/20/2013	1,078.00	21.78	133.93	IncAzi-MWD	Scientific Drilling
4/20/2013	1,141.00	22.98	133.61	IncAzi-MWD	Scientific Drilling
4/20/2013	1,205.00	23.73	132.29	IncAzi-MWD	Scientific Drilling
4/20/2013	1,268.00	23.63	132.23	IncAzi-MWD	Scientific Drilling
4/20/2013	1,332.00	23.73	131.80	IncAzi-MWD	Scientific Drilling
4/20/2013	1,395.00	23.76	131.78	IncAzi-MWD	Scientific Drilling
4/20/2013	1,459.00	23.41	131.61	IncAzi-MWD	Scientific Drilling
4/20/2013	1,522.00	24.18	131.48	IncAzi-MWD	Scientific Drilling
4/20/2013	1,586.00	23.58	131.16	IncAzi-MWD	Scientific Drilling
4/20/2013	1,650.00	24.06	130.94	IncAzi-MWD	Scientific Drilling
4/20/2013	1,713.00	24.65	130.44	IncAzi-MWD	Scientific Drilling
4/20/2013	1,777.00	23.94	131.00	IncAzi-MWD	Scientific Drilling
4/20/2013	1,840.00	24.10	129.89	IncAzi-MWD	Scientific Drilling
4/20/2013	1,904.00	24.12	130.57	IncAzi-MWD	Scientific Drilling
4/20/2013	1,968.00	24.50	129.82	IncAzi-MWD	Scientific Drilling
4/20/2013	2,031.00	24.08	130.16	IncAzi-MWD	Scientific Drilling
4/20/2013	2,095.00	23.62	128.76	IncAzi-MWD	Scientific Drilling
4/20/2013	2,158.00	22.78	129.11	IncAzi-MWD	Scientific Drilling
4/20/2013	2,222.00	22.36	128.13	IncAzi-MWD	Scientific Drilling
4/20/2013	2,285.00	21.76	128.16	IncAzi-MWD	Scientific Drilling
4/20/2013	2,349.00	21.65	126.64	IncAzi-MWD	Scientific Drilling

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.

Gina Butler

5/3/13

Subscribed and sworn to me this 5/3/13

Cullen White

Notary Public in and for San Juan County, New Mexico

My Commission expires

5/26/15

COP Deviation Report
SAN JUAN 28-7 UNIT #182N

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
4/20/2013	2,412.00	23.27	128.18	IncAzi-MWD	Scientific Drilling
4/20/2013	2,476.00	23.21	128.14	IncAzi-MWD	Scientific Drilling
4/20/2013	2,540.00	24.08	129.92	IncAzi-MWD	Scientific Drilling
4/20/2013	2,603.00	24.07	131.05	IncAzi-MWD	Scientific Drilling
4/20/2013	2,667.00	24.04	130.07	IncAzi-MWD	Scientific Drilling
4/20/2013	2,730.00	23.79	129.45	IncAzi-MWD	Scientific Drilling
4/20/2013	2,794.00	24.14	129.60	IncAzi-MWD	Scientific Drilling
4/20/2013	2,857.00	24.12	129.86	IncAzi-MWD	Scientific Drilling
4/20/2013	2,921.00	23.38	130.50	IncAzi-MWD	Scientific Drilling
4/20/2013	2,984.00	22.66	130.08	IncAzi-MWD	Scientific Drilling
4/20/2013	3,048.00	21.72	130.03	IncAzi-MWD	Scientific Drilling
4/20/2013	3,111.00	22.29	128.86	IncAzi-MWD	Scientific Drilling
4/20/2013	3,175.00	21.46	127.30	IncAzi-MWD	Scientific Drilling
4/20/2013	3,238.00	20.55	126.81	IncAzi-MWD	Scientific Drilling
4/20/2013	3,302.00	18.94	129.59	IncAzi-MWD	Scientific Drilling
4/21/2013	3,365.00	19.18	129.21	IncAzi-MWD	Scientific Drilling
4/21/2013	3,428.00	20.76	130.54	IncAzi-MWD	Scientific Drilling
4/21/2013	3,492.00	21.40	131.42	IncAzi-MWD	Scientific Drilling
4/21/2013	3,555.00	19.40	130.91	IncAzi-MWD	Scientific Drilling
4/21/2013	3,618.00	18.31	130.65	IncAzi-MWD	Scientific Drilling
4/21/2013	3,682.00	18.07	130.63	IncAzi-MWD	Scientific Drilling
4/21/2013	3,745.00	17.98	131.75	IncAzi-MWD	Scientific Drilling
4/21/2013	3,809.00	18.00	132.66	IncAzi-MWD	Scientific Drilling
4/21/2013	3,872.00	17.77	132.78	IncAzi-MWD	Scientific Drilling
4/21/2013	3,936.00	16.90	131.72	IncAzi-MWD	Scientific Drilling
4/21/2013	3,999.00	14.97	131.66	IncAzi-MWD	Scientific Drilling
4/21/2013	4,063.00	13.55	129.96	IncAzi-MWD	Scientific Drilling
4/21/2013	4,126.00	12.61	129.99	IncAzi-MWD	Scientific Drilling
4/21/2013	4,190.00	11.22	128.47	IncAzi-MWD	Scientific Drilling
4/21/2013	4,253.00	8.86	133.10	IncAzi-MWD	Scientific Drilling
4/21/2013	4,317.00	7.17	138.62	IncAzi-MWD	Scientific Drilling
4/21/2013	4,380.00	5.78	142.38	IncAzi-MWD	Scientific Drilling
4/21/2013	4,443.00	4.50	151.63	IncAzi-MWD	Scientific Drilling
4/21/2013	4,507.00	3.80	159.22	IncAzi-MWD	Scientific Drilling
4/21/2013	4,570.00	3.61	158.64	IncAzi-MWD	Scientific Drilling
4/21/2013	4,624.00	3.30	160.82	IncAzi-MWD	Scientific Drilling
4/21/2013	4,683.00	2.96	163.20	IncAzi-MWD	Scientific Drilling

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.

[Signature]

5/3/13

Subscribed and sworn to me this

5/3/13

Notary Public in and for San Juan County, New Mexico

My Commission expires

5/20/15



RCVD JUN 4 '13
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 03-T27N-R7W

San Juan 28-7 Unit 182N

OH

30-039-30635

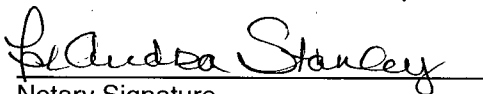
Design: OH

Standard Survey Report

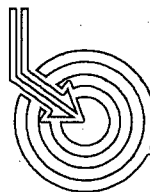
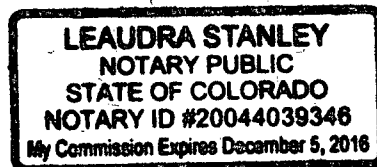
29 April, 2013

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

Notarized this date 29th of April, 2013.



Notary Signature
County of Mesa
State of Colorado



Scientific Drilling



Project: SJB (NM Central)
Site: SEC 03-T27N-R7W
Well: San Juan 28-7 Unit 182N
Wellbore: OH
Design: OH



Scientific Drilling

WELL DETAILS: San Juan 28-7 Unit 182N

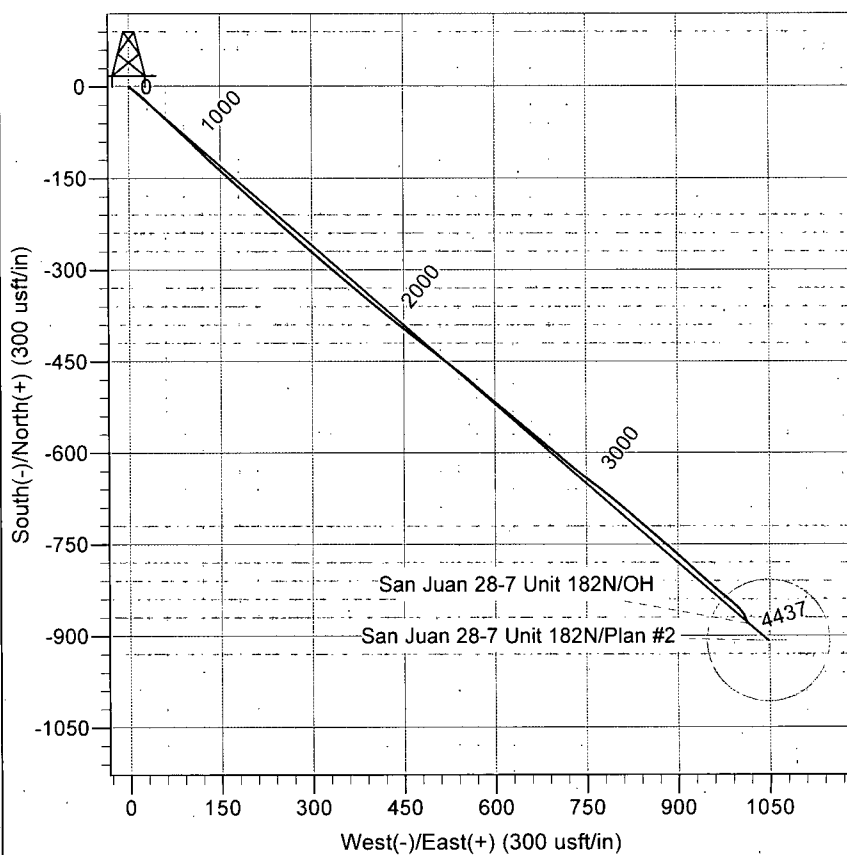
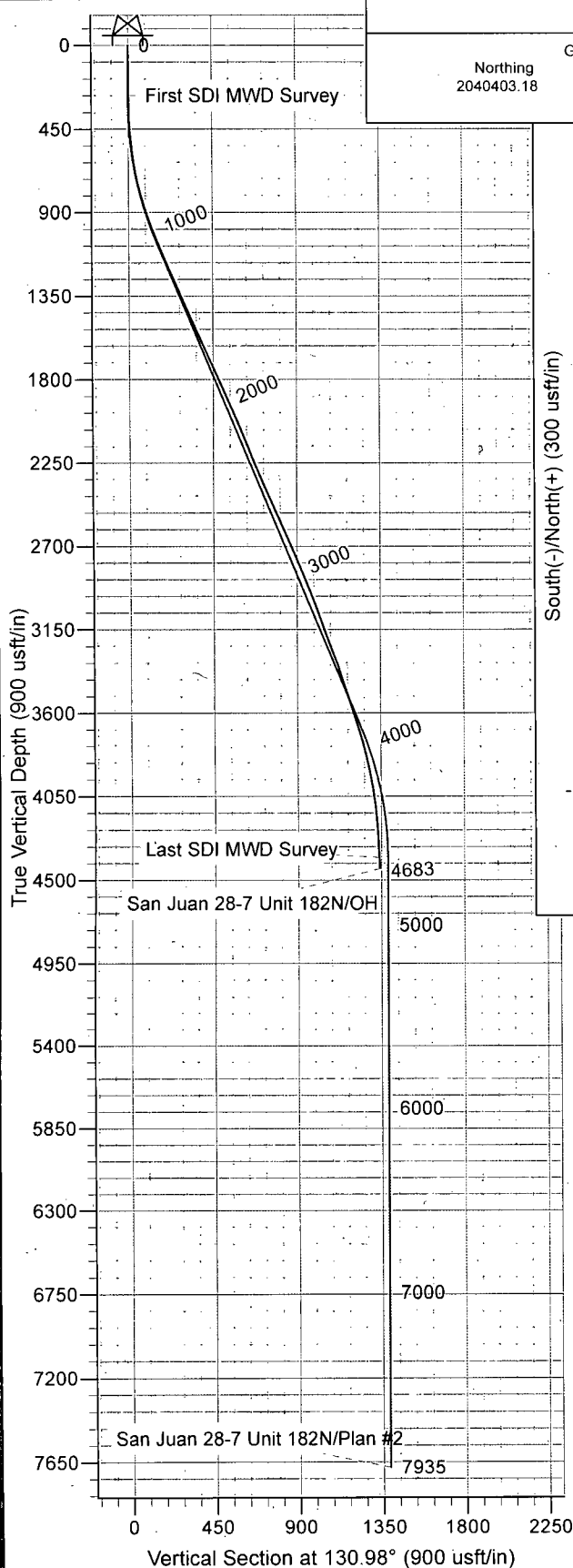
Northing
2040403.18

Ground Level: GL 6591' & RKB 15' @ 6606.0usft
Easting 116385.84 Latitude 36° 36' 1.759 N Longitude 107° 33' 24.704 W



Azimuths to True North
Magnetic North: 9.61°

Magnetic Field
Strength: 50431.5snT
Dip Angle: 63.32°
Date: 4/16/2013
Model: BGGM2012



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well San Juan 28-7 Unit 182N, True North
Vertical (TVD) Reference: GL 6591' & RKB 15' @ 6606.0usft
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: GL 6591' & RKB 15' @ 6606.0usft
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

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-7 Unit 182N
Project:	SJB (NM Central)	TVD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Site:	SEC 03-T27N-R7W	MD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Well:	San Juan 28-7 Unit 182N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington District

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 03-T27N-R7W		
------	-----------------	--	--

Site Position:		Northing:	2,040,403.18 usft	Latitude:	36° 36' 1.759 N
From:	Lat/Long	Easting:	116,385.85 usft	Longitude:	107° 33' 24.704 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.78 °

Well	San Juan 28-7 Unit 182N		
------	-------------------------	--	--

Well Position	+N/-S	0.0 usft	Northing:	2,040,403.18 usft	Latitude:	36° 36' 1.759 N
	+E/-W	0.0 usft	Easting:	116,385.85 usft	Longitude:	107° 33' 24.704 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	6,591.0 usft	

Wellbore	OH		
----------	----	--	--

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	4/16/2013	9.61	63.32	50,431

Design	OH		
--------	----	--	--

Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	130.98

Survey Program	Date 4/29/2013		
----------------	----------------	--	--

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
269.0	4,683.0	Survey #1 - MWD Survey (OH)	MWD SDI	MWD - Standard ver 1.0.1

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
269.0	0.91	145.59	269.0	-1.8	1.2	2.1	0.34	0.34	0.00
First SDI MWD Survey									
330.0	1.17	123.62	330.0	-2.5	2.0	3.2	0.77	0.43	-36.02
392.0	2.58	123.73	391.9	-3.6	3.7	5.2	2.27	2.27	0.18
453.0	4.18	124.70	452.8	-5.7	6.7	8.7	2.62	2.62	1.59
515.0	5.47	127.09	514.6	-8.7	10.9	13.9	2.11	2.08	3.85
577.0	7.03	128.39	576.2	-12.9	16.2	20.7	2.53	2.52	2.10
639.0	9.15	131.94	637.6	-18.5	22.8	29.4	3.51	3.42	5.73
701.0	11.12	134.50	698.7	-26.0	30.8	40.3	3.26	3.18	4.13
763.0	13.23	133.31	759.3	-35.1	40.2	53.3	3.43	3.40	-1.92

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-7 Unit 182N
Project:	SJB (NM Central)	TVD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Site:	SEC 03-T27N-R7W	MD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Well:	San Juan 28-7 Unit 182N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington District

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)
824.0	15.35	132.51	818.4	-45.3	51.2	68.4	3.49	3.48	-1.31
887.0	17.93	132.06	878.7	-57.4	64.6	86.4	4.10	4.10	-0.71
951.0	20.22	132.50	939.2	-71.5	80.1	107.3	3.59	3.58	0.69
1,014.0	21.63	134.04	998.0	-86.9	96.4	129.8	2.40	2.24	2.44
1,078.0	21.78	133.93	1,057.5	-103.4	113.5	153.5	0.24	0.23	-0.17
1,141.0	22.98	133.61	1,115.8	-120.0	130.8	177.4	1.91	1.90	-0.51
1,205.0	23.73	132.29	1,174.5	-137.3	149.4	202.8	1.43	1.17	-2.06
1,268.0	23.63	132.23	1,232.2	-154.3	168.1	228.1	0.16	-0.16	-0.10
1,332.0	23.73	131.80	1,290.8	-171.5	187.2	253.8	0.31	0.16	-0.67
1,395.0	23.76	131.78	1,348.5	-188.4	206.1	279.1	0.05	0.05	-0.03
1,459.0	23.41	131.61	1,407.1	-205.4	225.2	304.7	0.56	-0.55	-0.27
1,522.0	24.18	131.48	1,464.8	-222.3	244.2	330.1	1.23	1.22	-0.21
1,586.0	23.58	131.16	1,523.3	-239.4	263.7	356.1	0.96	-0.94	-0.50
1,650.0	24.06	130.94	1,581.9	-256.4	283.2	381.9	0.76	0.75	-0.34
1,713.0	24.65	130.44	1,639.3	-273.3	302.9	407.9	0.99	0.94	-0.79
1,777.0	23.94	131.00	1,697.6	-290.5	322.8	434.2	1.17	-1.11	0.88
1,840.0	24.10	129.89	1,755.1	-307.1	342.4	459.9	0.76	0.25	-1.76
1,904.0	24.12	130.57	1,813.5	-324.0	362.3	486.0	0.44	0.03	1.06
1,968.0	24.50	129.82	1,871.9	-341.0	382.4	512.3	0.77	0.59	-1.17
2,031.0	24.08	130.16	1,929.3	-357.6	402.3	538.3	0.70	-0.67	0.54
2,095.0	23.62	128.76	1,987.8	-374.1	422.3	564.1	1.14	-0.72	-2.19
2,158.0	22.78	129.11	2,045.7	-389.7	441.6	588.9	1.35	-1.33	0.56
2,222.0	22.36	128.13	2,104.8	-405.0	460.8	613.5	0.88	-0.66	-1.53
2,285.0	21.76	128.16	2,163.2	-419.6	479.4	637.1	0.95	-0.95	0.05
2,349.0	21.65	126.64	2,222.7	-434.0	498.2	660.7	0.89	-0.17	-2.38
2,412.0	23.27	128.18	2,280.9	-448.6	517.3	684.7	2.74	2.57	2.44
2,476.0	23.21	128.14	2,339.7	-464.2	537.1	710.0	0.10	-0.09	-0.06
2,540.0	24.08	129.92	2,398.3	-480.4	557.1	735.6	1.76	1.36	2.78
2,603.0	24.07	131.05	2,455.9	-497.1	576.6	761.3	0.73	-0.02	1.79
2,667.0	24.04	130.07	2,514.3	-514.1	596.4	787.4	0.63	-0.05	-1.53
2,730.0	23.79	129.45	2,571.9	-530.4	616.1	812.9	0.56	-0.40	-0.98
2,794.0	24.14	129.60	2,630.4	-546.9	636.1	838.9	0.56	0.55	0.23
2,857.0	24.12	129.86	2,687.9	-563.4	655.9	864.7	0.17	-0.03	0.41
2,921.0	23.38	130.50	2,746.4	-580.0	675.6	890.4	1.22	-1.16	1.00
2,984.0	22.66	130.08	2,804.4	-596.0	694.4	915.1	1.17	-1.14	-0.67
3,048.0	21.72	130.03	2,863.7	-611.5	712.9	939.2	1.47	-1.47	-0.08
3,111.0	22.29	128.86	2,922.1	-626.5	731.2	962.8	1.14	0.90	-1.86
3,175.0	21.46	127.30	2,981.5	-641.2	749.9	986.6	1.58	-1.30	-2.44
3,238.0	20.55	126.81	3,040.3	-654.8	767.9	1,009.2	1.47	-1.44	-0.78
3,302.0	18.94	129.59	3,100.5	-668.2	784.9	1,030.8	2.91	-2.52	4.34
3,365.0	19.18	129.21	3,160.1	-681.2	800.8	1,051.3	0.43	0.38	-0.60
3,428.0	20.76	130.54	3,219.3	-695.0	817.3	1,072.8	2.61	2.51	2.11
3,492.0	21.40	131.42	3,279.0	-710.1	834.7	1,095.9	1.12	1.00	1.38

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-7 Unit 182N
Project:	SJB (NM Central)	TVD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Site:	SEC 03-T27N-R7W	MD Reference:	GL 6591' & RKB 15' @ 6606.0usft
Well:	San Juan 28-7 Unit 182N	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	Farmington District

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)	
3,555.0	19.40	130.91	3,338.1	-724.6	851.2	1,117.8	3.19	-3.17	-0.81	
3,618.0	18.31	130.65	3,397.7	-737.9	866.7	1,138.2	1.74	-1.73	-0.41	
3,682.0	18.07	130.63	3,458.5	-750.9	881.8	1,158.2	0.38	-0.38	-0.03	
3,745.0	17.98	131.75	3,518.4	-763.7	896.5	1,177.6	0.57	-0.14	1.78	
3,809.0	18.00	132.66	3,579.3	-777.0	911.1	1,197.4	0.44	0.03	1.42	
3,872.0	17.77	132.78	3,639.2	-790.1	925.3	1,216.7	0.37	-0.37	0.19	
3,936.0	16.90	131.72	3,700.3	-803.0	939.5	1,235.8	1.45	-1.36	-1.66	
3,999.0	14.97	131.66	3,760.9	-814.5	952.4	1,253.1	3.06	-3.06	-0.10	
4,063.0	13.55	129.96	3,822.9	-824.8	964.3	1,268.9	2.31	-2.22	-2.66	
4,126.0	12.61	129.99	3,884.3	-833.9	975.2	1,283.1	1.49	-1.49	0.05	
4,190.0	11.22	128.47	3,946.9	-842.3	985.4	1,296.3	2.23	-2.17	-2.38	
4,253.0	8.86	133.10	4,008.9	-849.4	993.8	1,307.3	3.96	-3.75	7.35	
4,317.0	7.17	138.62	4,072.3	-855.8	1,000.0	1,316.2	2.90	-2.64	8.63	
4,380.0	5.78	142.38	4,134.9	-861.3	1,004.6	1,323.2	2.31	-2.21	5.97	
4,443.0	4.50	151.63	4,197.6	-865.9	1,007.7	1,328.6	2.41	-2.03	14.68	
4,507.0	3.80	159.22	4,261.5	-870.1	1,009.6	1,332.8	1.39	-1.09	11.86	
4,570.0	3.61	158.64	4,324.3	-873.9	1,011.1	1,336.4	0.31	-0.30	-0.92	
4,624.0	3.30	160.82	4,378.3	-877.0	1,012.2	1,339.3	0.62	-0.57	4.04	
Last SDI MWD Survey										
4,683.0	2.96	163.20	4,437.2	-880.0	1,013.2	1,342.0	0.62	-0.58	4.03	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
269.0	269.0	-1.8	1.2	First SDI MWD Survey	
4,624.0	4,378.3	-877.0	1,012.2	Last SDI MWD Survey	

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------