

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, N.M. 87505

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

AS DRILLED PLAT

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31090	² Pool Code 72319 / 71599 / 97232	³ Pool Name BLANCO MESAVERDE/BASIN DAKOTA /BASIN MANCOS
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 181P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6482

¹⁰ Surface Location

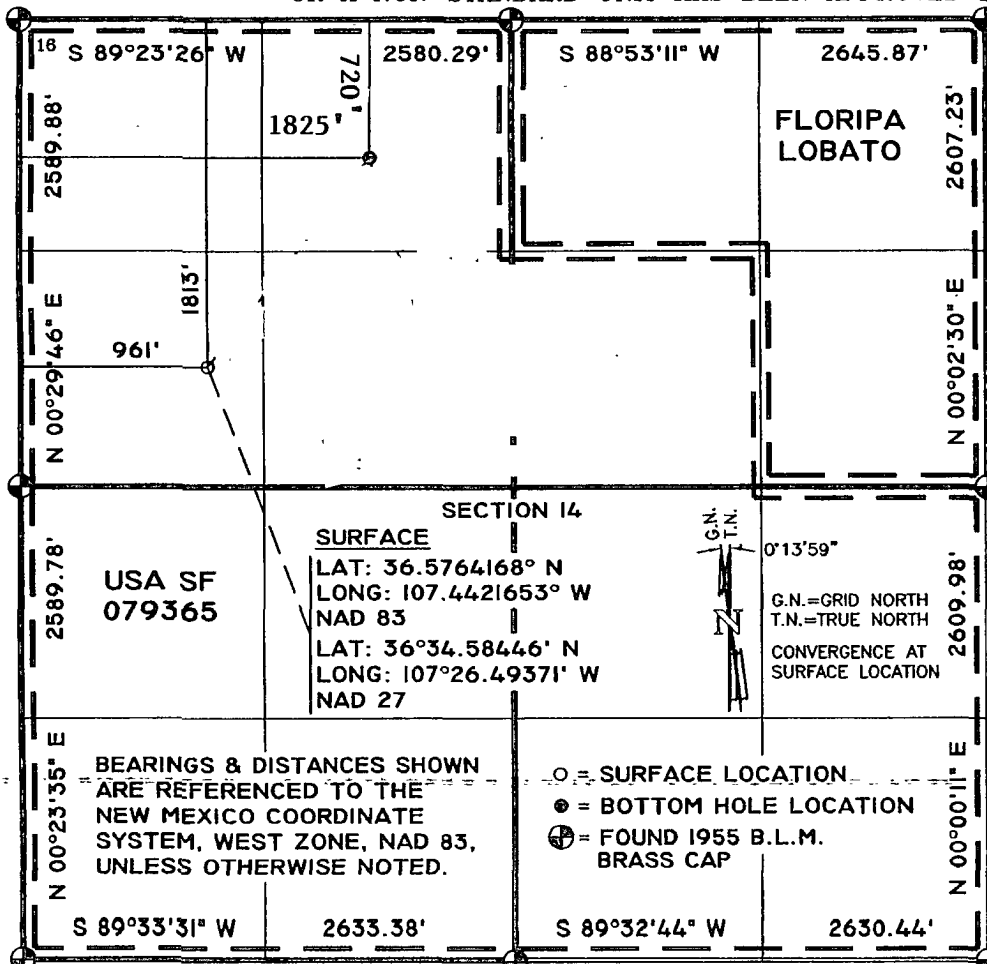
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	14	27 N	6 W		1813	NORTH	961	WEST	RIO ARRIBA

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
C	14	27 N	6 W		720'	NORTH	1825'	WEST	RIO ARRIBA

¹³ Dedicated Acres 320 (N/2) DK 320 (W/2) MV	¹⁵ Joint or Infill	¹⁴ Consolidation Code	¹⁶ Order No.	RCVD NOV 14 '12 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**



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.

Signature _____ Date _____
 Marie E. Jaramillo 11/13/12
 Printed Name _____
 Staff Regulatory Tech
 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.

03/17/11

Date of Survey _____

Signature and Seal of Professional Surveyor.

Certificate Number

COP Deviation Report
SAN JUAN 28-6 UNIT #181P

RCUD NOV 14 '12
OIL CONS. DIV.

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 28-6 UNIT #181P	API / UWI 3003931090	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 014-027N-006W-E	N/S Dist (ft) 1,813.00	N/S Ref FNL	E/W Dist (ft) 961 00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
8/29/2012	0.00	0 00	0 00	IncAzi-MWD	Scientific Drilling
7/31/2012	128.00	0.50		Inc-Drop	Mo Te Drilling Inc
7/31/2012	235.00	0.50		Inc-Drop	Mo Te Drilling Inc
8/29/2012	267.00	0.71	75.50	IncAzi-MWD	Scientific Drilling
8/28/2012	328.00	1.22	46.97	IncAzi-MWD	Scientific Drilling
8/28/2012	390.00	2.19	48 28	IncAzi-MWD	Scientific Drilling
8/28/2012	451.00	3.12	37.92	IncAzi-MWD	Scientific Drilling
8/28/2012	512.00	3.96	34.08	IncAzi-MWD	Scientific Drilling
8/28/2012	574.00	5.18	30.42	IncAzi-MWD	Scientific Drilling
8/28/2012	635.00	6.76	31 69	IncAzi-MWD	Scientific Drilling
8/28/2012	697.00	7.87	31 31	IncAzi-MWD	Scientific Drilling
8/28/2012	759.00	9.69	31 32	IncAzi-MWD	Scientific Drilling
8/28/2012	820.00	10.89	33.32	IncAzi-MWD	Scientific Drilling
8/29/2012	882.00	11.79	33 20	IncAzi-MWD	Scientific Drilling
8/29/2012	943.00	13.25	34 72	IncAzi-MWD	Scientific Drilling
8/29/2012	1,005.00	14.68	36 39	IncAzi-MWD	Scientific Drilling
8/29/2012	1,072.00	16 27	37 07	IncAzi-MWD	Scientific Drilling
8/29/2012	1,135.00	17 84	39.21	IncAzi-MWD	Scientific Drilling
8/29/2012	1,199.00	18.73	41 54	IncAzi-MWD	Scientific Drilling
8/29/2012	1,262 00	19 57	42.49	IncAzi-MWD	Scientific Drilling
8/29/2012	1,325 00	20.83	42.28	IncAzi-MWD	Scientific Drilling
8/29/2012	1,388.00	22 17	42.77	IncAzi-MWD	Scientific Drilling
8/29/2012	1,452.00	23.47	43.39	IncAzi-MWD	Scientific Drilling
8/29/2012	1,515.00	24.79	42 87	IncAzi-MWD	Scientific Drilling
8/29/2012	1,579.00	26 27	42 59	IncAzi-MWD	Scientific Drilling
8/29/2012	1,642 00	27 18	42.12	IncAzi-MWD	Scientific Drilling
8/29/2012	1,705 00	27 72	41 20	IncAzi-MWD	Scientific Drilling
8/29/2012	1,769 00	27 86	40.74	IncAzi-MWD	Scientific Drilling
8/29/2012	1,832.00	27.65	40.37	IncAzi-MWD	Scientific Drilling
8/29/2012	1,895.00	27 67	39.80	IncAzi-MWD	Scientific Drilling
8/29/2012	1,958 00	28.09	39.54	IncAzi-MWD	Scientific Drilling
8/29/2012	2,021 00	28.50	39 39	IncAzi-MWD	Scientific Drilling
8/29/2012	2,085.00	28.61	39 69	IncAzi-MWD	Scientific Drilling
8/29/2012	2,148 00	29 46	39.09	IncAzi-MWD	Scientific Drilling
8/31/2012	2,211 00	29 07	39 59	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 28-6 UNIT #181P

Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
8/29/2012	2,274.00	28.90	39.27	IncAzi-MWD	Scientific Drilling
8/29/2012	2,337.00	29.13	39.36	IncAzi-MWD	Scientific Drilling
8/29/2012	2,400.00	28.97	38.96	IncAzi-MWD	Scientific Drilling
8/29/2012	2,463.00	28.37	38.50	IncAzi-MWD	Scientific Drilling
8/29/2012	2,527.00	28.57	38.37	IncAzi-MWD	Scientific Drilling
8/29/2012	2,589.00	28.20	38.39	IncAzi-MWD	Scientific Drilling
8/29/2012	2,653.00	28.64	38.42	IncAzi-MWD	Scientific Drilling
8/29/2012	2,716.00	29.64	38.46	IncAzi-MWD	Scientific Drilling
8/29/2012	2,779.00	29.80	38.79	IncAzi-MWD	Scientific Drilling
8/29/2012	2,842.00	29.49	39.77	IncAzi-MWD	Scientific Drilling
8/29/2012	2,905.00	29.22	39.59	IncAzi-MWD	Scientific Drilling
8/31/2012	2,969.00	28.80	39.11	IncAzi-MWD	Scientific Drilling
8/29/2012	3,032.00	28.42	38.72	IncAzi-MWD	Scientific Drilling
8/29/2012	3,095.00	28.30	37.70	IncAzi-MWD	Scientific Drilling
8/29/2012	3,158.00	26.78	37.33	IncAzi-MWD	Scientific Drilling
8/29/2012	3,221.00	26.13	36.17	IncAzi-MWD	Scientific Drilling
8/29/2012	3,284.00	24.31	35.48	IncAzi-MWD	Scientific Drilling
8/29/2012	3,347.00	23.30	34.39	IncAzi-MWD	Scientific Drilling
8/29/2012	3,411.00	22.42	34.60	IncAzi-MWD	Scientific Drilling
8/29/2012	3,474.00	21.07	33.29	IncAzi-MWD	Scientific Drilling
8/29/2012	3,537.00	21.45	33.10	IncAzi-MWD	Scientific Drilling
8/29/2012	3,600.00	20.82	32.15	IncAzi-MWD	Scientific Drilling
8/29/2012	3,664.00	20.08	31.89	IncAzi-MWD	Scientific Drilling
8/29/2012	3,727.00	18.41	33.92	IncAzi-MWD	Scientific Drilling
8/29/2012	3,790.00	16.33	34.99	IncAzi-MWD	Scientific Drilling
8/31/2012	3,853.00	14.71	35.70	IncAzi-MWD	Scientific Drilling
8/31/2012	3,917.00	13.08	35.59	IncAzi-MWD	Scientific Drilling
8/31/2012	3,980.00	12.20	35.86	IncAzi-MWD	Scientific Drilling
8/31/2012	4,044.00	11.02	34.85	IncAzi-MWD	Scientific Drilling
8/31/2012	4,107.00	10.26	35.10	IncAzi-MWD	Scientific Drilling
8/31/2012	4,170.00	9.56	35.54	IncAzi-MWD	Scientific Drilling
8/31/2012	4,234.00	8.13	37.26	IncAzi-MWD	Scientific Drilling
8/31/2012	4,297.00	6.64	43.22	IncAzi-MWD	Scientific Drilling
8/31/2012	4,360.00	5.54	46.79	IncAzi-MWD	Scientific Drilling
8/31/2012	4,423.00	5.28	46.32	IncAzi-MWD	Scientific Drilling
8/31/2012	4,459.00	4.92	47.62	IncAzi-MWD	Scientific Drilling
9/7/2012	7,918.00	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.

BEN Tolman

Subscribed and sworn to me this

11/13/12

Mane R. Jaramello

Notary Public in and for San Juan County, New Mexico

My Commission expires

7/20/14



RCVD NOV 14 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 14-T27N-R6W
San Juan 28-6 Unit 181P

OH

API# 3003931090

Design: OH

Standard Survey Report

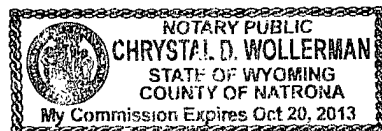
10 September, 2012

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

Notarized this date 10th of September 2012.

Crystal D. Wollerman

Notary Signature
County of Natrona
State of Wyoming

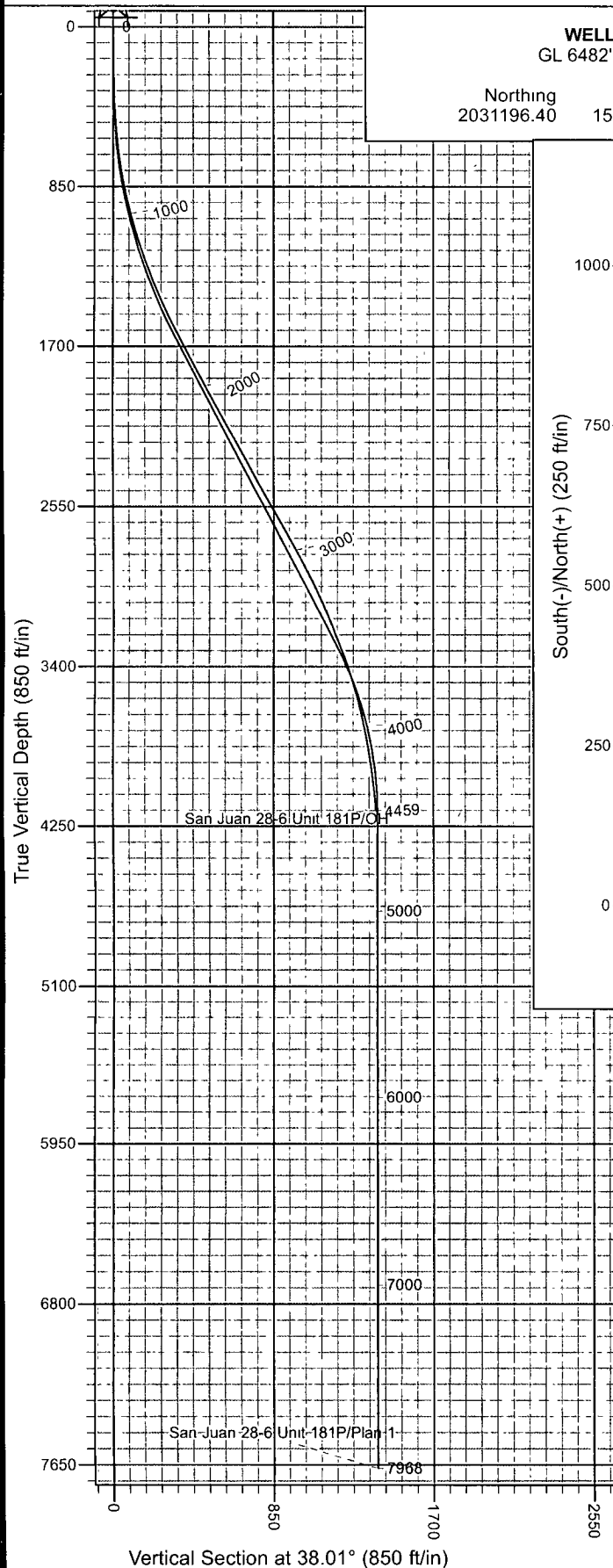


ConocoPhillips

Project: SJB (NM Central)
 Site: SEC 14-T27N-R6W
 Well: San Juan 28-6 Unit 181P
 Wellbore: OH
 Design: OH

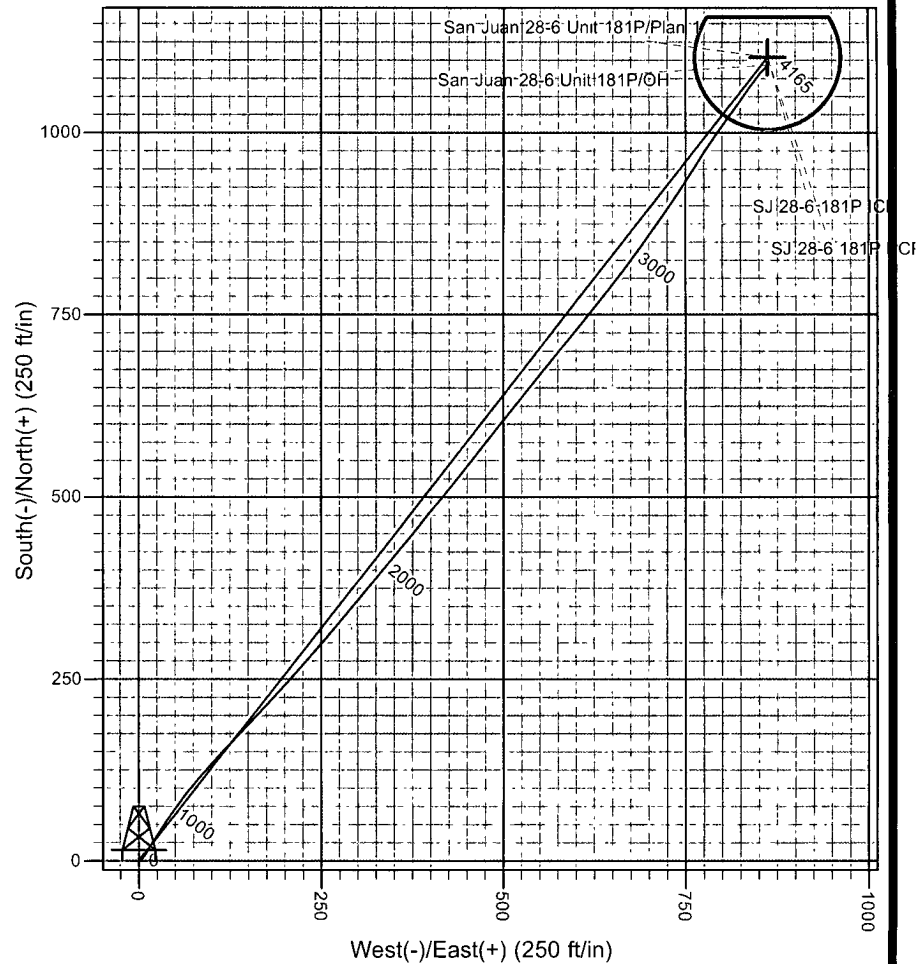


T
 M Azimuths to True North
 Magnetic North 9 64'
 Magnetic Field
 Strength 50517 7snT
 Dip Angle 63 34'
 Date 2012/08/20
 Model: BGGM2012



WELL DETAILS: San Juan 28-6 Unit 181P
 GL 6482' & KB 15' @ 6497.0ft (AWS 711)
 Ground Level: 6482.0

Northing	Easting	Latitude	Longitude
2031196.40	150123.70	36° 34' 35.068 N	107° 26' 29.623 W



REFERENCE INFORMATION
 Co-ordinate (N/E) Reference: Well San Juan 28-6 Unit 181P, True North
 Vertical (TVD) Reference: GL 6482' & KB 15' @ 6497.0ft (AWS 711)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6482' & KB 15' @ 6497.0ft (AWS 711)
 Calculation Method: Minimum Curvature

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

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-6 Unit 181P
Project:	SJB (NM Central)	TVD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Site:	SEC 14-T27N-R6W	MD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Well:	San Juan 28-6 Unit 181P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User 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 14-T27N-R6W		
Site Position:		Northing:	2,031,196.40 ft
From:	Lat/Long	Easting:	150,123.70 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 34' 35.068 N
		Longitude:	107° 26' 29.623 W
		Grid Convergence:	-0.71 °

Well	San Juan 28-6 Unit 181P, 1813' FNL 961' FWL		
Well Position	+N/-S	0.0 ft	Northing: 2,031,196.40 ft
	+E/-W	0.0 ft	Easting: 150,123.70 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 34' 35.068 N
		Longitude:	107° 26' 29.623 W
		Ground Level:	6,482.0 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2012	2012/08/20	9.64	63.34	50,518

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	38.01

Survey Program	Date	2012/09/10		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
267.0	4,459.0	Survey #1 (OH)	MWD SDI	MWD - Standard ver 1.0.1

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
267.0	0.71	75.50	267.0	0.4	1.6	1.3	0.27	0.27	0.00	
First SDI MWD Survey										
328.0	1.22	46.97	328.0	1.0	2.4	2.3	1.12	0.84	-46.77	
390.0	2.19	48.28	390.0	2.2	3.8	4.1	1.57	1.56	2.11	
451.0	3.12	37.92	450.9	4.3	5.7	6.9	1.71	1.52	-16.98	
512.0	3.96	34.08	511.8	7.3	7.9	10.6	1.43	1.38	-6.30	
574.0	5.18	30.42	573.6	11.5	10.5	15.6	2.02	1.97	-5.90	
635.0	6.76	31.69	634.2	16.9	13.8	21.8	2.60	2.59	2.08	
697.0	7.87	31.31	695.7	23.7	17.9	29.7	1.79	1.79	-0.61	
759.0	9.69	31.32	757.0	31.8	22.8	39.1	2.94	2.94	0.02	
820.0	10.89	33.32	817.0	41.0	28.7	49.9	2.05	1.97	3.28	
882.0	11.79	33.20	877.8	51.2	35.4	62.1	1.45	1.45	-0.19	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-6 Unit 181P
Project:	SJB (NM Central)	TVD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Site:	SEC 14-T27N-R6W	MD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Well:	San Juan 28-6 Unit 181P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003 21 Single User Db

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)	
943.0	13.25	34.72	937.4	62.1	42.8	75.3	2.45	2.39	2.49	
1,005.0	14.68	36.39	997.5	74.3	51.5	90.2	2.40	2.31	2.69	
1,072.0	16.27	37.07	1,062.1	88.6	62.2	108.1	2.39	2.37	1.01	
1,135.0	17.84	39.21	1,122.3	103.1	73.6	126.6	2.68	2.49	3.40	
1,199.0	18.73	41.54	1,183.1	118.4	86.6	146.6	1.80	1.39	3.64	
1,262.0	19.57	42.49	1,242.6	133.8	100.4	167.2	1.42	1.33	1.51	
1,325.0	20.83	42.28	1,301.7	149.8	115.1	188.9	2.00	2.00	-0.33	
1,388.0	22.17	42.77	1,360.3	166.9	130.7	211.9	2.15	2.13	0.78	
1,452.0	23.47	43.39	1,419.3	185.0	147.7	236.7	2.07	2.03	0.97	
1,515.0	24.79	42.87	1,476.8	203.8	165.3	262.3	2.12	2.10	-0.83	
1,579.0	26.27	42.59	1,534.6	224.0	184.0	289.8	2.32	2.31	-0.44	
1,642.0	27.18	42.12	1,590.8	245.0	203.1	318.1	1.48	1.44	-0.75	
1,705.0	27.72	41.20	1,646.8	266.7	222.4	347.0	1.09	0.86	-1.46	
1,769.0	27.86	40.74	1,703.4	289.2	241.9	376.8	0.40	0.22	-0.72	
1,832.0	27.65	40.37	1,759.1	311.5	261.0	406.1	0.43	-0.33	-0.59	
1,895.0	27.67	39.80	1,814.9	333.9	279.8	435.4	0.42	0.03	-0.90	
1,958.0	28.09	39.54	1,870.6	356.5	298.6	464.8	0.69	0.67	-0.41	
2,021.0	28.50	39.39	1,926.1	379.6	317.6	494.7	0.66	0.65	-0.24	
2,085.0	28.61	39.69	1,982.3	403.2	337.1	525.3	0.28	0.17	0.47	
2,148.0	29.46	39.09	2,037.4	426.8	356.5	555.8	1.43	1.35	-0.95	
2,211.0	29.07	39.59	2,092.3	450.6	376.0	586.6	0.73	-0.62	0.79	
2,274.0	28.90	39.27	2,147.5	474.2	395.4	617.1	0.37	-0.27	-0.51	
2,337.0	29.13	39.36	2,202.5	497.9	414.8	647.7	0.37	0.37	0.14	
2,400.0	28.97	38.96	2,257.6	521.6	434.1	678.3	0.40	-0.25	-0.63	
2,463.0	28.37	38.50	2,312.9	545.2	453.0	708.5	1.01	-0.95	-0.73	
2,527.0	28.57	38.37	2,369.2	569.1	472.0	739.0	0.33	0.31	-0.20	
2,589.0	28.20	38.39	2,423.7	592.2	490.3	768.5	0.60	-0.60	0.03	
2,653.0	28.64	38.42	2,480.0	616.0	509.2	798.9	0.69	0.69	0.05	
2,716.0	29.64	38.46	2,535.0	640.1	528.3	829.6	1.59	1.59	0.06	
2,779.0	29.80	38.79	2,589.7	664.5	547.8	860.8	0.36	0.25	0.52	
2,842.0	29.49	39.77	2,644.5	688.6	567.5	892.0	0.91	-0.49	1.56	
2,905.0	29.22	39.59	2,699.4	712.4	587.2	922.9	0.45	-0.43	-0.29	
2,969.0	28.80	39.11	2,755.4	736.4	606.9	953.9	0.75	-0.66	-0.75	
3,032.0	28.42	38.72	2,810.7	759.8	625.8	984.1	0.67	-0.60	-0.62	
3,095.0	28.30	37.70	2,866.1	783.3	644.3	1,014.0	0.79	-0.19	-1.62	
3,158.0	26.78	37.33	2,922.0	806.4	662.1	1,043.1	2.43	-2.41	-0.59	
3,221.0	26.13	36.17	2,978.4	828.9	678.9	1,071.2	1.32	-1.03	-1.84	
3,284.0	24.31	35.48	3,035.4	850.7	694.6	1,098.0	2.93	-2.89	-1.10	
3,347.0	23.30	34.39	3,093.0	871.5	709.2	1,123.4	1.75	-1.60	-1.73	
3,411.0	22.42	34.60	3,152.0	892.0	723.2	1,148.2	1.38	-1.38	0.33	
3,474.0	21.07	33.29	3,210.5	911.4	736.3	1,171.5	2.28	-2.14	-2.08	
3,537.0	21.45	33.10	3,269.2	930.5	748.8	1,194.2	0.61	0.60	-0.30	
3,600.0	20.82	32.15	3,328.0	949.6	761.0	1,216.8	1.14	-1.00	-1.51	
3,664.0	20.08	31.89	3,387.9	968.6	772.9	1,239.1	1.16	-1.16	-0.41	
3,727.0	18.41	33.92	3,447.4	986.0	784.1	1,259.8	2.86	-2.65	3.22	
3,790.0	16.33	34.99	3,507.5	1,001.5	794.8	1,278.5	3.34	-3.30	1.70	
3,853.0	14.71	35.70	3,568.2	1,015.3	804.5	1,295.4	2.59	-2.57	1.13	
3,917.0	13.08	35.59	3,630.4	1,027.8	813.5	1,310.7	2.55	-2.55	-0.17	
3,980.0	12.20	35.86	3,691.8	1,039.0	821.5	1,324.5	1.40	-1.40	0.43	
4,044.0	11.02	34.85	3,754.5	1,049.5	829.0	1,337.4	1.87	-1.84	-1.58	
4,107.0	10.26	35.10	3,816.4	1,059.0	835.7	1,349.0	1.21	-1.21	0.40	
4,170.0	9.56	35.54	3,878.5	1,067.8	841.9	1,359.8	1.12	-1.11	0.70	
4,234.0	8.13	37.26	3,941.7	1,075.8	847.8	1,369.6	2.27	-2.23	2.69	
4,297.0	6.64	43.22	4,004.2	1,082.0	852.9	1,377.7	2.66	-2.37	9.46	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 28-6 Unit 181P
Project:	SJB (NM Central)	TVD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Site:	SEC 14-T27N-R6W	MD Reference:	GL 6482' & KB 15' @ 6497.0ft (AWS 711)
Well:	San Juan 28-6 Unit 181P	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 2003.21 Single User Db

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)	
4,360.0	5.54	46.79	4,066.9	1,086.7	857.7	1,384.4	1.85	-1.75	5.67	
4,423.0	5.28	46.32	4,129.6	1,090.8	862.0	1,390.2	0.42	-0.41	-0.75	
4,459.0	4.92	47.62	4,165.4	1,093.0	864.3	1,393.4	1.05	-1.00	3.61	
Last SDI MWD Survey										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
267.0	267.0	0.4	1.6	First SDI MWD Survey	
4,459.0	4,165.4	1,093.0	864.3	Last SDI MWD Survey	

Checked By: _____	Approved By: _____	Date: _____
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