

Form C-102
Revised October 12, 2005

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

OIL CONSERVATION DIVISION

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

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

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

AS DRILLED PLAT

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31102	² Pool Code 71599/97232/72319	³ Pool Name BASIN DAKOTA/BASIN MANCOS /BLANCO MESAVERDE
⁴ Property Code 31327	⁵ Property Name SAN JUAN 30 - 5 UNIT	⁶ Well Number 92M
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6945'

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
G	26	30-N	5-W		2085	NORTH	1565	EAST	RIO ARRIBA

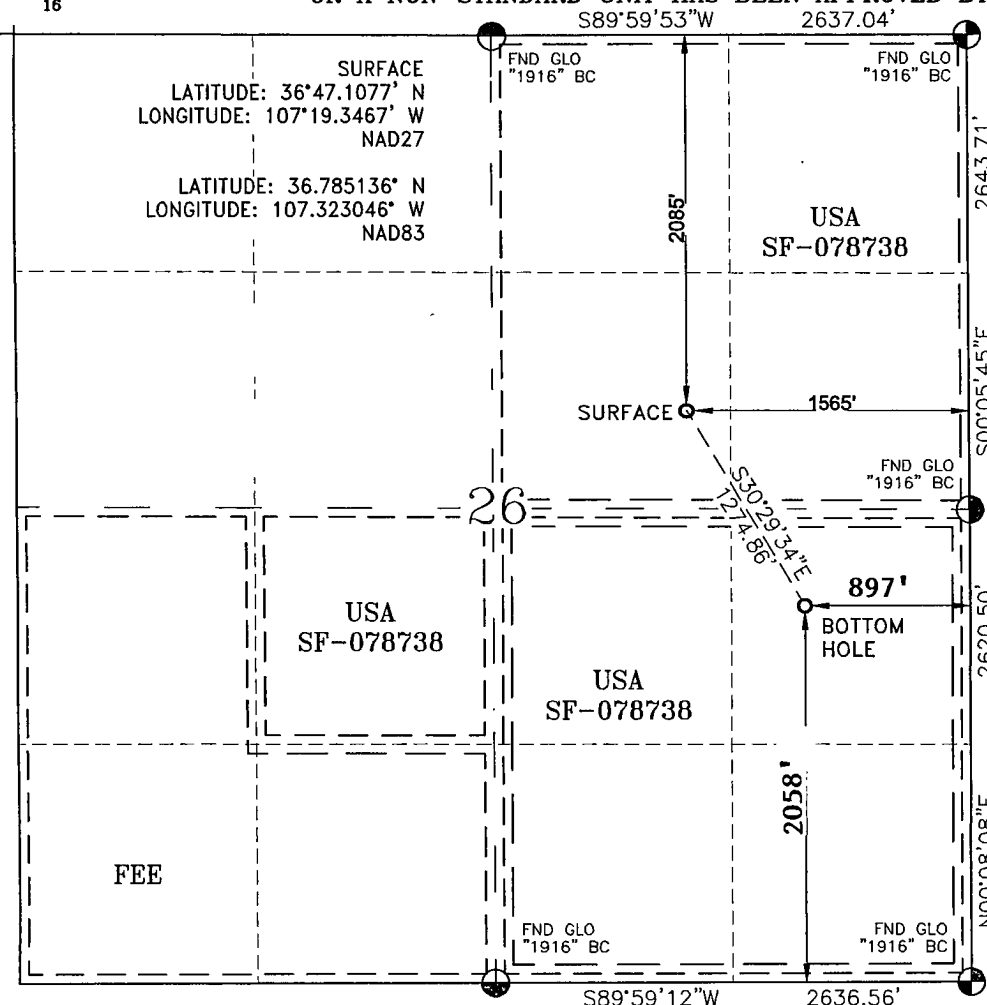
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	26	30-N	5-W		2058'	SOUTH	897'	EAST	RIO ARRIBA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.	RCVD AUG 7 '12 OIL CONS. DIV.
DK 320.00 ACRES S/2 MV 320.00 ACRES E/2				

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature _____

Marie E. Jaramillo 8/6/12
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.

AUGUST 26, 2010
Date of Survey

Signature and Seal of _____



GLEN W. RUSSELL
Certificate Number

15703

A



COP Deviation Report

SAN JUAN 30-5 UNIT #92M

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 30-5 UNIT #92M	API / UWI 3003931102	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 026-030N-005W-G	N/S Dist (ft) 2,085.00	N/S Ref FNL	E/W Dist (ft) 1,565.00	E/W Ref FEL

Survey Data						
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company	
6/13/2012	130.00	1.50		Inc-WL	Mo Te Drilling Inc	
6/13/2012	235.00	1.75		Inc-WL	Mo Te Drilling Inc	
6/19/2012	269.00	1.79	28.13	IncAzi-MWD	Scientific Drilling	
6/19/2012	330.00	1.02	26.91	IncAzi-MWD	Scientific Drilling	
6/19/2012	391.00	0.44	59.75	IncAzi-MWD	Scientific Drilling	
6/19/2012	452.00	1.37	141.14	IncAzi-MWD	Scientific Drilling	
6/19/2012	513.00	2.74	162.91	IncAzi-MWD	Scientific Drilling	
6/19/2012	574.00	4.81	161.42	IncAzi-MWD	Scientific Drilling	
6/19/2012	636.00	6.33	158.96	IncAzi-MWD	Scientific Drilling	
6/19/2012	697.00	7.10	158.02	IncAzi-MWD	Scientific Drilling	
6/19/2012	758.00	8.76	161.22	IncAzi-MWD	Scientific Drilling	
6/19/2012	818.00	10.02	160.66	IncAzi-MWD	Scientific Drilling	
6/20/2012	882.00	11.96	158.78	IncAzi-MWD	Scientific Drilling	
6/20/2012	945.00	13.23	154.29	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,009.00	14.37	154.89	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,072.00	15.52	152.06	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,136.00	17.00	150.41	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,199.00	18.63	148.75	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,261.00	20.14	148.11	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,323.00	21.47	149.46	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,386.00	22.10	150.52	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,449.00	24.31	150.48	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,513.00	25.29	151.17	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,575.00	25.94	150.69	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,639.00	26.70	150.06	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,703.00	27.24	148.43	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,766.00	25.99	146.63	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,829.00	25.48	146.47	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,893.00	25.98	146.41	IncAzi-MWD	Scientific Drilling	
6/20/2012	1,955.00	25.10	146.42	IncAzi-MWD	Scientific Drilling	
6/20/2012	2,019.00	24.81	147.12	IncAzi-MWD	Scientific Drilling	
6/20/2012	2,082.00	24.80	146.05	IncAzi-MWD	Scientific Drilling	
6/20/2012	2,146.00	25.05	147.03	IncAzi-MWD	Scientific Drilling	
6/21/2012	2,209.00	24.82	147.88	IncAzi-MWD	Scientific Drilling	
6/21/2012	2,272.00	25.06	147.53	IncAzi-MWD	Scientific Drilling	
6/21/2012	2,336.00	24.93	149.46	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 _____

RCVD AUG 7 '12
OIL CONS. DIV.
DIST. 3

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

COP Deviation Report
SAN JUAN 30-5 UNIT #92M

Survey Data					
Date	MD (ftKB)	Incl (°)	Azm (°)	Method	Survey Company
6/21/2012	2,399.00	24.30	149.84	IncAzi-MWD	Scientific Drilling
6/21/2012	2,462.00	25.01	148.30	IncAzi-MWD	Scientific Drilling
6/21/2012	2,526.00	25.23	148.15	IncAzi-MWD	Scientific Drilling
6/21/2012	2,589.00	25.15	147.41	IncAzi-MWD	Scientific Drilling
6/21/2012	2,652.00	24.47	147.08	IncAzi-MWD	Scientific Drilling
6/21/2012	2,715.00	24.27	147.90	IncAzi-MWD	Scientific Drilling
6/21/2012	2,779.00	24.59	147.65	IncAzi-MWD	Scientific Drilling
6/21/2012	2,843.00	23.99	146.96	IncAzi-MWD	Scientific Drilling
6/21/2012	2,905.00	23.41	146.14	IncAzi-MWD	Scientific Drilling
6/21/2012	2,969.00	24.03	145.57	IncAzi-MWD	Scientific Drilling
6/21/2012	3,032.00	24.45	145.68	IncAzi-MWD	Scientific Drilling
6/21/2012	3,095.00	24.92	147.52	IncAzi-MWD	Scientific Drilling
6/21/2012	3,159.00	24.84	148.77	IncAzi-MWD	Scientific Drilling
6/21/2012	3,222.00	25.19	148.78	IncAzi-MWD	Scientific Drilling
6/21/2012	3,285.00	25.54	150.79	IncAzi-MWD	Scientific Drilling
6/21/2012	3,348.00	25.61	151.37	IncAzi-MWD	Scientific Drilling
6/22/2012	3,412.00	25.50	151.13	IncAzi-MWD	Scientific Drilling
6/22/2012	3,476.00	25.60	149.46	IncAzi-MWD	Scientific Drilling
6/22/2012	3,538.00	23.83	151.26	IncAzi-MWD	Scientific Drilling
6/23/2012	3,602.00	22.81	151.50	IncAzi-MWD	Scientific Drilling
6/23/2012	3,664.00	21.08	149.37	IncAzi-MWD	Scientific Drilling
6/23/2012	3,727.00	19.00	150.07	IncAzi-MWD	Scientific Drilling
6/23/2012	3,790.00	17.13	149.12	IncAzi-MWD	Scientific Drilling
6/23/2012	3,853.00	14.87	149.61	IncAzi-MWD	Scientific Drilling
6/23/2012	3,918.00	13.93	151.31	IncAzi-MWD	Scientific Drilling
6/23/2012	3,980.00	13.07	152.48	IncAzi-MWD	Scientific Drilling
6/23/2012	4,043.00	12.05	151.33	IncAzi-MWD	Scientific Drilling
6/23/2012	4,106.00	10.80	151.41	IncAzi-MWD	Scientific Drilling
6/23/2012	4,169.00	9.37	151.09	IncAzi-MWD	Scientific Drilling
6/23/2012	4,232.00	8.27	152.10	IncAzi-MWD	Scientific Drilling
6/23/2012	4,295.00	6.90	155.17	IncAzi-MWD	Scientific Drilling
6/23/2012	4,358.00	5.21	153.24	IncAzi-MWD	Scientific Drilling
6/23/2012	4,382.00	4.38	158.43	IncAzi-MWD	Scientific Drilling
6/23/2012	✓ 4,440.00	✓ 2.37	✓ 158.43	Projection	Scientific Drilling
7/2/2012	8,519.00	0.75		Inc-WL	Phoenix Services LLC

I, the undersigned, certify that I acting in my capacity as Online 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]

Subscribed and sworn to me this 8/6/12

[Signature: Mario R. Hernandez]

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



RCVD AUG 7 '12
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 26-T30N-R5W
San Juan 30-5 Unit 92M

OH

Design: OH

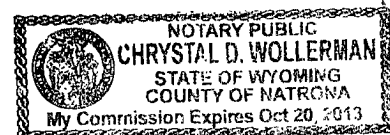
Standard Survey Report

06 July, 2012

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

Notarized this date 6th of July, 2012.

Notary Signature
County of Natrona
State of Wyoming

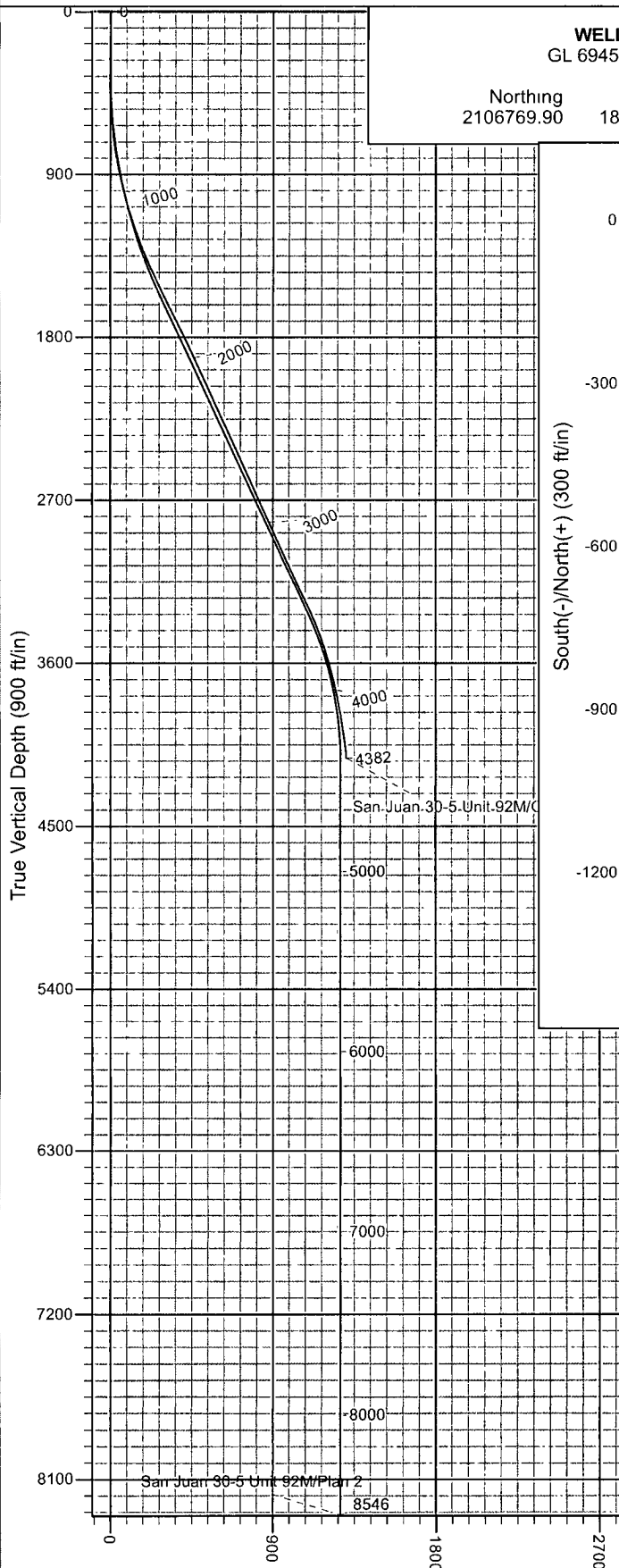


ConocoPhillips

Project: SJB (NM Central)
 Site: SEC 26-T30N-R5W
 Well: San Juan 30-5 Unit 92M
 Wellbore: OH
 Design: OH



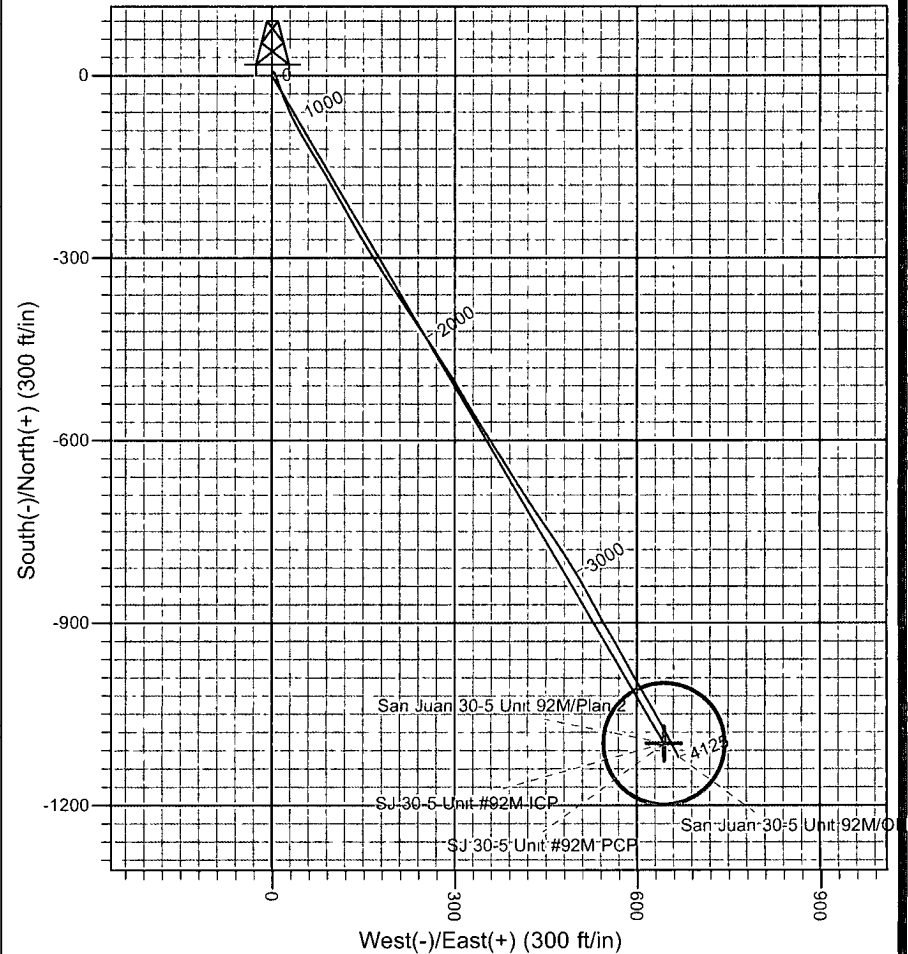
T
 Azimuths to True North
 Magnetic North 9.63°
 Magnetic Field
 Strength 50670.9 nT
 Dip Angle 63.55°
 Date 2012/06/15
 Model BGGM2012



Vertical Section at 149.60° (900 ft/in)

WELL DETAILS: San Juan 30-5 Unit 92M
 GL 6945' & KB 15' @ 6960.0ft (AWS 730)
 Ground Level: 6945.0

Northing	Easting	Latitude	Longitude
2106769.90	185950.74	36° 47' 6.462 N	107° 19' 20.802 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well San Juan 30-5 Unit 92M, True North
 Vertical (TVD) Reference: GL 6945' & KB 15' @ 6960.0ft (AWS 730)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6945' & KB 15' @ 6960.0ft (AWS 730)
 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 30-5 Unit 92M
Project:	SJB (NM Central)	TVD Reference:	GL 6945' & KB 15' @ 6960 0ft (AWS 730)
Site:	SEC 26-T30N-R5W	MD Reference:	GL 6945' & KB 15' @ 6960 0ft (AWS 730)
Well:	San Juan 30-5 Unit 92M	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 26-T30N-R5W		
Site Position:		Northing:	2,106,769.90 ft
From:	Lat/Long	Easting:	185,950.74 ft
Position Uncertainty:	0 0 ft	Slot Radius:	"
		Latitude:	36° 47' 6.462 N
		Longitude:	107° 19' 20.802 W
		Grid Convergence:	-0.64 "

Well	San Juan 30-5 Unit 92M, 2085' FNL 1565' FEL		
Well Position	+N/-S	0.0 ft	Northing: 2,106,769.90 ft
	+E/-W	0.0 ft	Easting: 185,950.74 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 47' 6.462 N
		Longitude:	107° 19' 20.802 W
		Ground Level:	6,945.0 ft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2012	2012/06/15	9.63
			Dip Angle (°)
			63.55
			Field Strength (nT)
			50,671

Design	OH		
Audit Notes:			
Version:	1 0	Phase:	ACTUAL
		Tie On Depth:	0 0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0 0	0.0	0.0
		Direction	(°)
			149.60

Survey Program	Date	2012/07/06		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
269.0	4,382.0	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	
269.0	1.79	28.13	269.0	3.7	2.0	-2.2	0.67	0.67	0.00	
First SDI MWD Survey										
330.0	1.02	26.91	329.9	5.0	2.7	-3.0	1.26	-1.26	-2.00	
391.0	0.44	59.75	390.9	5.6	3.1	-3.3	1.14	-0.95	53.84	
452.0	1.37	141.14	451.9	5.2	3.8	-2.6	2.25	1.52	133.43	
513.0	2.74	162.91	512.9	3.2	4.7	-0.4	2.55	2.25	35.69	
574.0	4.81	161.42	573.8	-0.6	5.9	3.5	3.40	3.39	-2.44	
636.0	6.33	158.96	635.5	-6.3	8.0	9.4	2.48	2.45	-3.97	
697.0	7.10	158.02	696.0	-12.9	10.6	16.5	1.28	1.26	-1.54	
758.0	8.76	161.22	756.5	-20.8	13.5	24.8	2.81	2.72	5.25	
818.0	10.02	160.66	815.6	-30.0	16.7	34.4	2.11	2.10	-0.93	
882.0	11.96	158.78	878.5	-41.5	20.9	46.4	3.08	3.03	-2.94	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 30-5 Unit 92M
Project:	SJB (NM Central)	TVD Reference:	GL 6945' & KB 15' @ 6960.0ft (AWS 730)
Site:	SEC 26-T30N-R5W	MD Reference:	GL 6945' & KB 15' @ 6960.0ft (AWS 730)
Well:	San Juan 30-5 Unit 92M	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)
945.0	13.23	154.29	940.0	-54.0	26.4	60.0	2.54	2.02	-7.13
1,009.0	14.37	154.89	1,002.1	-67.8	33.0	75.2	1.80	1.78	0.94
1,072.0	15.52	152.06	1,063.0	-82.4	40.2	91.4	2.16	1.83	-4.49
1,136.0	17.00	150.41	1,124.4	-98.1	48.9	109.3	2.42	2.31	-2.58
1,199.0	18.63	148.75	1,184.4	-114.7	58.6	128.6	2.71	2.59	-2.63
1,261.0	20.14	148.11	1,242.9	-132.2	69.4	149.2	2.46	2.44	-1.03
1,323.0	21.47	149.46	1,300.8	-151.0	80.8	171.2	2.28	2.15	2.18
1,386.0	22.10	150.52	1,359.3	-171.3	92.5	194.6	1.18	1.00	1.68
1,449.0	24.31	150.48	1,417.2	-192.9	104.7	219.4	3.51	3.51	-0.06
1,513.0	25.29	151.17	1,475.3	-216.3	117.8	246.2	1.60	1.53	1.08
1,575.0	25.94	150.69	1,531.2	-239.8	130.8	273.0	1.10	1.05	-0.77
1,639.0	26.70	150.06	1,588.6	-264.4	144.9	301.4	1.27	1.19	-0.98
1,703.0	27.24	148.43	1,645.6	-289.4	159.7	330.4	1.43	0.84	-2.55
1,766.0	25.99	146.63	1,702.0	-313.2	174.9	358.6	2.36	-1.98	-2.86
1,829.0	25.48	146.47	1,758.7	-336.0	189.9	385.9	0.82	-0.81	-0.25
1,893.0	25.98	146.41	1,816.4	-359.2	205.3	413.7	0.78	0.78	-0.09
1,955.0	25.10	146.42	1,872.3	-381.4	220.1	440.4	1.42	-1.42	0.02
2,019.0	24.81	147.12	1,930.3	-404.0	234.9	467.3	0.65	-0.45	1.09
2,082.0	24.80	146.05	1,987.5	-426.1	249.4	493.7	0.71	-0.02	-1.70
2,146.0	25.05	147.03	2,045.6	-448.6	264.3	520.7	0.75	0.39	1.53
2,209.0	24.82	147.88	2,102.7	-471.0	278.6	547.2	0.68	-0.37	1.35
2,272.0	25.06	147.53	2,159.8	-493.4	292.8	573.7	0.45	0.38	-0.56
2,336.0	24.93	149.46	2,217.8	-516.5	306.9	600.8	1.29	-0.20	3.02
2,399.0	24.30	149.84	2,275.1	-539.1	320.2	627.0	1.03	-1.00	0.60
2,462.0	25.01	148.30	2,332.4	-561.7	333.7	653.3	1.52	1.13	-2.44
2,526.0	25.23	148.15	2,390.3	-584.8	348.0	680.5	0.36	0.34	-0.23
2,589.0	25.15	147.41	2,447.3	-607.4	362.3	707.3	0.52	-0.13	-1.17
2,652.0	24.47	147.08	2,504.5	-629.7	376.6	733.7	1.10	-1.08	-0.52
2,715.0	24.27	147.90	2,561.9	-651.6	390.6	759.6	0.62	-0.32	1.30
2,779.0	24.59	147.65	2,620.2	-674.0	404.7	786.1	0.53	0.50	-0.39
2,843.0	23.99	146.96	2,678.5	-696.1	418.9	812.4	1.04	-0.94	-1.08
2,905.0	23.41	146.14	2,735.3	-716.9	432.6	837.3	1.08	-0.94	-1.32
2,969.0	24.03	145.57	2,793.9	-738.2	447.1	863.0	1.03	0.97	-0.89
3,032.0	24.45	145.68	2,851.3	-759.6	461.7	888.8	0.67	0.67	0.17
3,095.0	24.92	147.52	2,908.5	-781.5	476.2	915.1	1.43	0.75	2.92
3,159.0	24.84	148.77	2,966.6	-804.4	490.4	942.0	0.83	-0.13	1.95
3,222.0	25.19	148.78	3,023.7	-827.2	504.2	968.6	0.56	0.56	0.02
3,285.0	25.54	150.79	3,080.6	-850.5	517.8	995.6	1.48	0.56	3.19
3,348.0	25.61	151.37	3,137.4	-874.3	530.9	1,022.8	0.41	0.11	0.92
3,412.0	25.50	151.13	3,195.2	-898.5	544.2	1,050.4	0.24	-0.17	-0.38
3,476.0	25.60	149.46	3,252.9	-922.5	557.9	1,078.0	1.14	0.16	-2.61
3,538.0	23.83	151.26	3,309.2	-945.0	570.7	1,103.9	3.10	-2.85	2.90
3,602.0	22.81	151.50	3,368.0	-967.3	582.8	1,129.2	1.60	-1.59	0.38
3,664.0	21.08	149.37	3,425.5	-987.4	594.3	1,152.4	3.07	-2.79	-3.44
3,727.0	19.00	150.07	3,484.7	-1,006.1	605.2	1,174.0	3.32	-3.30	1.11
3,790.0	17.13	149.12	3,544.6	-1,022.9	615.0	1,193.5	3.00	-2.97	-1.51
3,853.0	14.87	149.61	3,605.2	-1,037.8	623.9	1,210.9	3.59	-3.59	0.78
3,918.0	13.93	151.31	3,668.1	-1,051.9	631.9	1,227.0	1.59	-1.45	2.62
3,980.0	13.07	152.48	3,728.4	-1,064.7	638.7	1,241.5	1.46	-1.39	1.89
4,043.0	12.05	151.33	3,789.9	-1,076.8	645.1	1,255.2	1.67	-1.62	-1.83
4,106.0	10.80	151.41	3,851.6	-1,087.7	651.1	1,267.6	1.98	-1.98	0.13
4,169.0	9.37	151.09	3,913.7	-1,097.4	656.4	1,278.7	2.27	-2.27	-0.51
4,232.0	8.27	152.10	3,975.9	-1,105.9	661.0	1,288.3	1.76	-1.75	1.60
4,295.0	6.90	155.17	4,038.4	-1,113.3	664.7	1,296.6	2.27	-2.17	4.87

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 30-5 Unit 92M
Project:	SJB (NM Central)	TVD Reference:	GL 6945' & KB 15' @ 6960 0ft (AWS 730)
Site:	SEC 26-T30N-R5W	MD Reference:	GL 6945' & KB 15' @ 6960 0ft (AWS 730)
Well:	San Juan 30-5 Unit 92M	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)
4,358.0	5.21	153.24	4,101.0	-1,119.3	667.6	1,303.2	2.70	-2.68	-3.06
4,382.0	4.38	158.43	4,124.9	-1,121.1	668.4	1,305.2	3.90	-3.46	21.63
Last SDI MWD Survey									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
269.0	269.0	3.7	2.0	First SDI MWD Survey
4,382.0	4,124.9	-1,121.1	668.4	Last SDI MWD Survey

Checked By: _____	Approved By: _____	Date: _____
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