

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

DISTRICT II
1301 West 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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

AS DRILLED PLAT

Form C-102
Revised October 12, 2005

RECEIVED
OCT 2011

OIL CONS. DIV. DIST. 3

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30449	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE/BASIN DAKOTA
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT	*Well Number 109M
*OGRD No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6961'

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	23	27-N	4-W		2495'	SOUTH	2455'	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
H	23	27-N	4-W		2240'	NORTH	985'	EAST	RIO ARRIBA

12 Dedicated Acres 320.00	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

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 10/3/11 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. Date of Survey 11-20-07 Signature and Seal of Professional Surveyor Certificate Number 15703



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 23-T27N-R4W
SJ 27-4 #109M
API# 30-039-30449
Original Hole

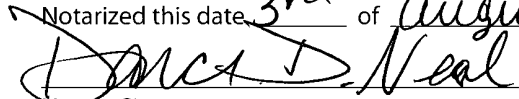


Design: Original Hole

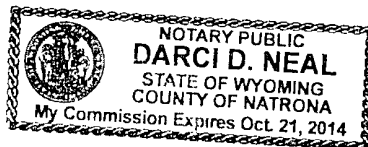
Standard Survey Report

03 August, 2011

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

Notarized this date 3rd of August, 2011.


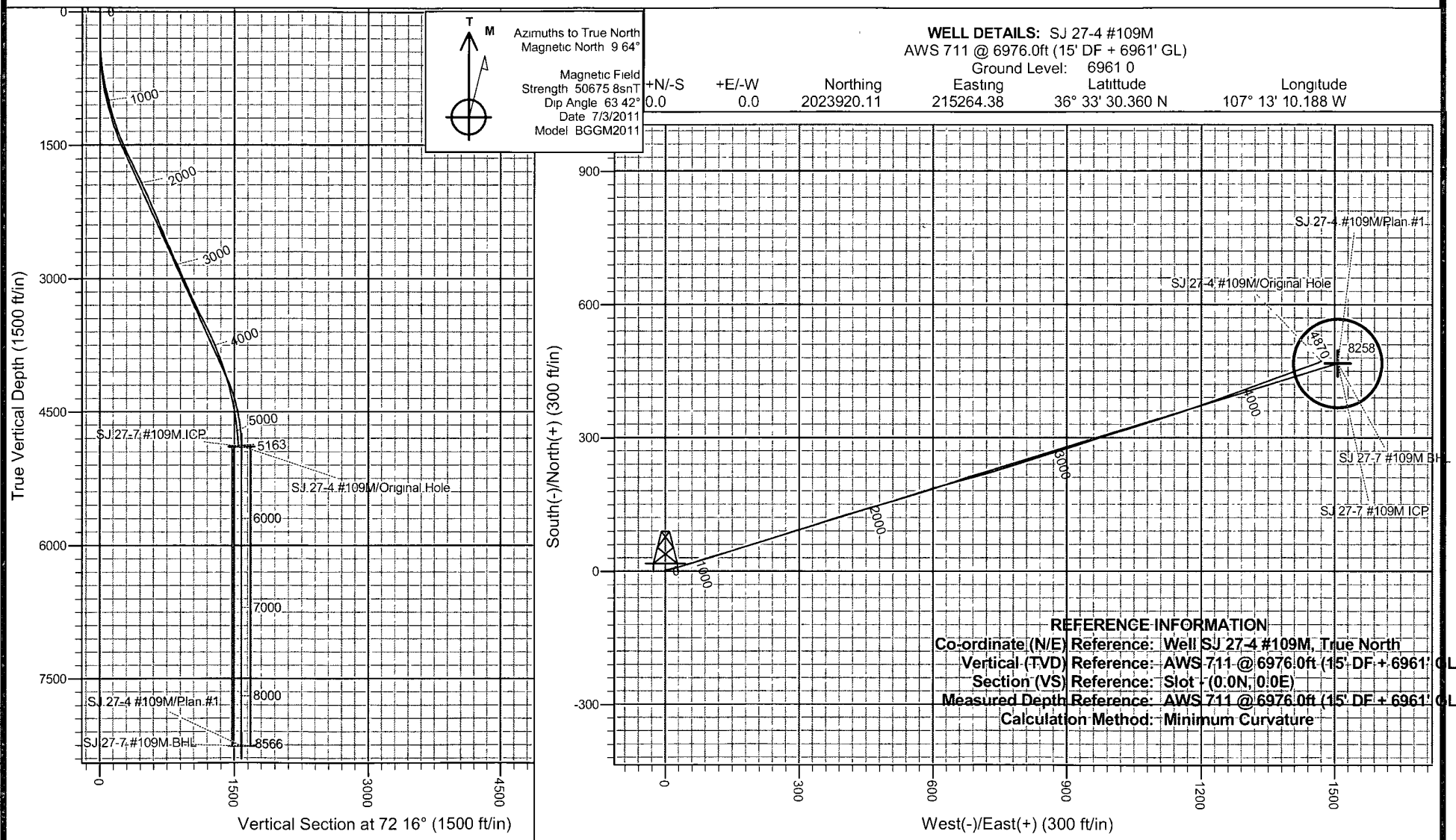
Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips



Project: SJB (NM Central)
Site: SEC 23-T27N-R4W
Well: SJ 27-4 #109M
Wellbore: Original Hole
Design: Original Hole



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 27-4 #109M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Site:	SEC 23-T27N-R4W	MD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Well:	SJ 27-4 #109M	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 23-T27N-R4W		
Site Position:		Northing:	2,025,485.19 ft
From:	Lat/Long	Easting:	215,246.38 ft
Position Uncertainty:	0 0 ft	Slot Radius:	6-1/8 "
		Latitude:	36° 33' 45.834 N
		Longitude:	107° 13' 10.602 W
		Grid Convergence:	-0.58 °

Well:	SJ 27-4 #109M, S-Type MV/DK		
Well Position	+N/-S	0 0 ft	Northing: 2,023,920.11 ft
	+E/-W	0 0 ft	Easting: 215,264.38 ft
Position Uncertainty	3 5 ft	Wellhead Elevation:	ft
		Latitude:	36° 33' 30.360 N
		Longitude:	107° 13' 10.188 W
		Ground Level:	6,961.0 ft

Wellbore:	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2011	7/3/2011	(°)
			9.64
			63.42
			50,676

Design:	Original Hole		
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
			72.16

Survey Program	Date	8/3/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
278.0	5,163.0	Survey #1 (Original Hole)	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	
278.0	0.86	329.86	278.0	1.8	-1.0	-0.4	0.31	0.31	0.00	
First SDI MWD Survey										
339.0	0.95	57.89	339.0	2.5	-0.8	-0.1	2.06	0.15	144.31	
401.0	2.86	82.52	400.9	2.9	1.1	2.0	3.28	3.08	39.73	
462.0	4.25	75.82	461.8	3.7	4.8	5.7	2.37	2.28	-10.98	
524.0	5.50	78.54	523.6	4.8	10.0	11.0	2.05	2.02	4.39	
585.0	6.77	77.03	584.3	6.2	16.3	17.5	2.10	2.08	-2.48	
647.0	7.57	77.70	645.8	7.9	23.9	25.2	1.30	1.29	1.08	
707.0	9.19	73.40	705.1	10.1	32.3	33.9	2.89	2.70	-7.17	
768.0	10.33	70.97	765.2	13.3	42.2	44.2	1.99	1.87	-3.98	
830.0	10.94	72.72	826.2	16.9	53.0	55.7	1.11	0.98	2.82	
893.0	12.03	74.23	887.9	20.4	65.1	68.2	1.79	1.73	2.40	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 27-4 #109M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Site:	SEC 23-T27N-R4W	MD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Well:	SJ 27-4 #109M	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)
956.0	12.69	74.30	949.5	24.1	78.1	81.7	1.05	1.05	0.11
1,020.0	13.87	73.27	1,011.7	28.2	92.2	96.4	1.88	1.84	-1.61
1,083.0	15.35	71.50	1,072.7	33.0	107.3	112.3	2.45	2.35	-2.81
1,147.0	16.84	73.18	1,134.2	38.4	124.2	130.0	2.44	2.33	2.63
1,210.0	17.86	71.89	1,194.3	44.0	142.1	148.8	1.73	1.62	-2.05
1,274.0	19.09	72.36	1,255.0	50.3	161.4	169.1	1.94	1.92	0.73
1,337.0	20.36	73.35	1,314.3	56.5	181.8	190.3	2.08	2.02	1.57
1,401.0	21.87	72.96	1,374.0	63.2	203.8	213.4	2.37	2.36	-0.61
1,464.0	21.87	72.23	1,432.5	70.2	226.2	236.8	0.43	0.00	-1.16
1,528.0	22.85	72.34	1,491.7	77.6	249.4	261.2	1.53	1.53	0.17
1,592.0	24.14	72.22	1,550.4	85.4	273.7	286.7	2.02	2.02	-0.19
1,655.0	24.93	73.31	1,607.7	93.1	298.7	312.9	1.45	1.25	1.73
1,719.0	25.84	72.31	1,665.5	101.3	324.9	340.3	1.57	1.42	-1.56
1,782.0	26.12	72.06	1,722.1	109.7	351.2	367.9	0.48	0.44	-0.40
1,846.0	25.72	70.76	1,779.7	118.6	377.7	395.9	1.09	-0.63	-2.03
1,909.0	25.54	72.67	1,836.5	127.2	403.6	423.1	1.34	-0.29	3.03
1,973.0	25.91	74.73	1,894.2	135.0	430.2	450.9	1.51	0.58	3.22
2,036.0	25.38	73.46	1,951.0	142.4	456.4	478.1	1.21	-0.84	-2.02
2,100.0	23.95	73.61	2,009.1	150.0	482.1	504.8	2.24	-2.23	0.23
2,163.0	23.33	74.07	2,066.8	157.0	506.3	530.1	1.03	-0.98	0.73
2,226.0	22.90	73.57	2,124.8	163.9	530.1	554.8	0.75	-0.68	-0.79
2,289.0	23.27	73.39	2,182.7	170.9	553.8	579.5	0.60	0.59	-0.29
2,352.0	22.63	72.71	2,240.7	178.1	577.3	604.1	1.10	-1.02	-1.08
2,416.0	22.45	71.66	2,299.9	185.6	600.6	628.6	0.69	-0.28	-1.64
2,479.0	21.64	71.61	2,358.2	193.1	623.1	652.2	1.29	-1.29	-0.08
2,543.0	22.67	75.75	2,417.5	199.8	646.2	676.3	2.92	1.61	6.47
2,606.0	23.02	75.29	2,475.6	205.9	669.9	700.8	0.62	0.56	-0.73
2,670.0	22.33	74.88	2,534.6	212.3	693.7	725.4	1.11	-1.08	-0.64
2,734.0	23.26	73.30	2,593.6	219.1	717.6	750.2	1.74	1.45	-2.47
2,797.0	23.80	73.17	2,651.4	226.3	741.7	775.3	0.86	0.86	-0.21
2,861.0	23.74	72.30	2,710.0	234.0	766.3	801.1	0.56	-0.09	-1.36
2,924.0	24.78	72.10	2,767.4	241.9	790.9	827.0	1.66	1.65	-0.32
2,988.0	25.15	71.60	2,825.4	250.3	816.6	854.0	0.67	0.58	-0.78
3,051.0	24.35	72.27	2,882.6	258.5	841.7	880.4	1.35	-1.27	1.06
3,115.0	23.94	73.51	2,941.0	266.2	866.7	906.6	1.02	-0.64	1.94
3,178.0	23.31	72.65	2,998.8	273.6	890.8	931.8	1.14	-1.00	-1.37
3,241.0	23.15	72.02	3,056.7	281.1	914.5	956.7	0.47	-0.25	-1.00
3,305.0	24.63	71.95	3,115.2	289.1	939.2	982.6	2.31	2.31	-0.11
3,368.0	24.70	71.92	3,172.4	297.3	964.2	1,008.9	0.11	0.11	-0.05
3,432.0	24.16	71.62	3,230.7	305.5	989.3	1,035.3	0.87	-0.84	-0.47
3,495.0	25.37	72.74	3,287.9	313.6	1,014.4	1,061.7	2.06	1.92	1.78
3,559.0	25.77	73.26	3,345.6	321.7	1,040.8	1,089.3	0.72	0.63	0.81
3,622.0	27.03	72.81	3,402.1	329.9	1,067.6	1,117.4	2.03	2.00	-0.71
3,686.0	27.30	71.88	3,459.0	338.7	1,095.5	1,146.6	0.79	0.42	-1.45
3,749.0	27.26	72.55	3,515.0	347.5	1,123.0	1,175.5	0.49	-0.06	1.06
3,813.0	26.12	71.65	3,572.2	356.4	1,150.3	1,204.2	1.89	-1.78	-1.41
3,877.0	24.62	70.43	3,630.0	365.3	1,176.3	1,231.6	2.48	-2.34	-1.91
3,940.0	23.14	69.92	3,687.6	373.9	1,200.3	1,257.1	2.37	-2.35	-0.81
4,004.0	21.18	70.11	3,746.9	382.2	1,222.9	1,281.2	3.06	-3.06	0.30
4,067.0	20.53	70.73	3,805.7	389.7	1,244.1	1,303.6	1.09	-1.03	0.98
4,130.0	21.16	70.87	3,864.6	397.1	1,265.2	1,326.0	1.00	1.00	0.22
4,194.0	20.53	70.06	3,924.4	404.7	1,286.7	1,348.8	1.08	-0.98	-1.27
4,258.0	19.43	69.67	3,984.6	412.2	1,307.2	1,370.7	1.73	-1.72	-0.61
4,321.0	18.10	69.40	4,044.2	419.3	1,326.2	1,390.9	2.12	-2.11	-0.43

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 27-4 #109M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Site:	SEC 23-T27N-R4W	MD Reference:	AWS 711 @ 6976.0ft (15' DF + 6961' GL)
Well:	SJ 27-4 #109M	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)
4,385.0	16.69	68.21	4,105.3	426.2	1,344.1	1,410.0	2.27	-2.20	-1.86
4,448.0	15.67	70.22	4,165.8	432.4	1,360.5	1,427.5	1.85	-1.62	3.19
4,511.0	14.54	70.42	4,226.6	438.0	1,375.9	1,443.9	1.80	-1.79	0.32
4,575.0	12.74	69.45	4,288.8	443.1	1,390.1	1,459.0	2.84	-2.81	-1.52
4,639.0	12.15	70.62	4,351.3	447.8	1,403.1	1,472.8	1.00	-0.92	1.83
4,702.0	11.10	70.26	4,413.0	452.1	1,415.0	1,485.5	1.67	-1.67	-0.57
4,766.0	10.14	70.41	4,475.9	456.1	1,426.1	1,497.3	1.50	-1.50	0.23
4,829.0	9.48	70.22	4,538.0	459.7	1,436.2	1,508.0	1.05	-1.05	-0.30
4,893.0	7.74	70.38	4,601.3	462.9	1,445.3	1,517.6	2.72	-2.72	0.25
4,956.0	6.70	69.99	4,663.8	465.6	1,452.7	1,525.5	1.65	-1.65	-0.62
5,020.0	5.83	68.80	4,727.4	468.0	1,459.3	1,532.5	1.37	-1.36	-1.86
5,083.0	4.74	63.56	4,790.1	470.4	1,464.6	1,538.2	1.89	-1.73	-8.32
5,163.0	4.24	63.18	4,869.9	473.2	1,470.2	1,544.4	0.63	-0.63	-0.48
Last SDI MWD Survey									

Checked By: _____	Approved By: _____	Date: _____
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COP Deviation Report
SAN JUAN 27-4 UNIT #109M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 27-4 UNIT #109M	API / UWI 3003930449	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 023-027N-004W-J	N/S Dist (ft) 2,495.00	N/S Ref FSL	E/W Dist (ft) 2,455.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
7/13/2011	0.00	0.00	IncAzi-MWD	Scientific Drilling
6/29/2011	130.00	0.75	Inc-WL	Mo Te Drilling Inc
6/29/2011	239.00	0.75	Inc-WL	Mo Te Drilling Inc
7/13/2011	278.00	0.86	IncAzi-MWD	Scientific Drilling
7/13/2011	339.00	0.95	IncAzi-MWD	Scientific Drilling
7/13/2011	401.00	2.86	IncAzi-MWD	Scientific Drilling
7/13/2011	462.00	4.25	IncAzi-MWD	Scientific Drilling
7/13/2011	524.00	5.50	IncAzi-MWD	Scientific Drilling
7/13/2011	585.00	6.77	IncAzi-MWD	Scientific Drilling
7/13/2011	647.00	7.57	IncAzi-MWD	Scientific Drilling
7/13/2011	707.00	9.19	IncAzi-MWD	Scientific Drilling
7/13/2011	768.00	10.33	IncAzi-MWD	Scientific Drilling
7/13/2011	830.00	10.94	IncAzi-MWD	Scientific Drilling
7/13/2011	893.00	12.03	IncAzi-MWD	Scientific Drilling
7/13/2011	956.00	12.69	IncAzi-MWD	Scientific Drilling
7/13/2011	1,020.00	13.87	IncAzi-MWD	Scientific Drilling
7/13/2011	1,083.00	15.35	IncAzi-MWD	Scientific Drilling
7/13/2011	1,147.00	16.84	IncAzi-MWD	Scientific Drilling
7/13/2011	1,210.00	17.86	IncAzi-MWD	Scientific Drilling
7/13/2011	1,274.00	19.09	IncAzi-MWD	Scientific Drilling
7/13/2011	1,337.00	20.36	IncAzi-MWD	Scientific Drilling
7/13/2011	1,401.00	21.87	IncAzi-MWD	Scientific Drilling
7/13/2011	1,464.00	21.87	IncAzi-MWD	Scientific Drilling
7/13/2011	1,528.00	22.85	IncAzi-MWD	Scientific Drilling
7/13/2011	1,592.00	24.14	IncAzi-MWD	Scientific Drilling
7/13/2011	1,655.00	24.93	IncAzi-MWD	Scientific Drilling
7/13/2011	1,719.00	25.84	IncAzi-MWD	Scientific Drilling
7/13/2011	1,782.00	26.12	IncAzi-MWD	Scientific Drilling
7/13/2011	1,846.00	25.72	IncAzi-MWD	Scientific Drilling
7/13/2011	1,909.00	25.54	IncAzi-MWD	Scientific Drilling
7/13/2011	1,973.00	25.91	IncAzi-MWD	Scientific Drilling
7/13/2011	2,036.00	25.38	IncAzi-MWD	Scientific Drilling
7/13/2011	2,100.00	23.95	IncAzi-MWD	Scientific Drilling
7/13/2011	2,163.00	23.33	IncAzi-MWD	Scientific Drilling
7/13/2011	2,226.00	22.90	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 27-4 UNIT #109M

Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
7/13/2011	2,289.00	23.27	IncAzi-MWD	Scientific Drilling	
7/13/2011	2,352.00	22.63	IncAzi-MWD	Scientific Drilling	
7/13/2011	2,416.00	22.45	IncAzi-MWD	Scientific Drilling	
7/13/2011	2,479.00	21.64	IncAzi-MWD	Scientific Drilling	
7/13/2011	2,543.00	22.67	IncAzi-MWD	Scientific Drilling	
7/13/2011	2,606.00	23.02	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,670.00	22.33	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,734.00	23.26	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,797.00	23.80	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,861.00	23.74	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,924.00	24.78	IncAzi-MWD	Scientific Drilling	
7/14/2011	2,988.00	25.15	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,051.00	24.35	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,115.00	23.94	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,241.00	23.15	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,305.00	24.63	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,368.00	24.70	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,432.00	24.16	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,495.00	25.37	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,559.00	25.77	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,622.00	27.03	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,686.00	27.30	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,749.00	27.26	IncAzi-MWD	Scientific Drilling	
7/14/2011	3,813.00	26.12	IncAzi-MWD	Scientific Drilling	
7/15/2011	3,877.00	24.62	IncAzi-MWD	Scientific Drilling	
7/15/2011	3,940.00	23.14	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,004.00	21.18	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,067.00	20.53	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,130.00	21.16	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,194.00	20.53	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,258.00	19.43	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,321.00	18.10	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,385.00	16.69	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,448.00	15.67	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,511.00	14.54	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,575.00	12.74	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,639.00	12.15	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,702.00	11.10	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,766.00	10.14	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 27-4 UNIT #109M

Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
7/15/2011	4,829.00	9.48	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,893.00	7.74	IncAzi-MWD	Scientific Drilling	
7/15/2011	4,956.00	6.70	IncAzi-MWD	Scientific Drilling	
7/15/2011	5,020.00	5.83	IncAzi-MWD	Scientific Drilling	
7/15/2011	5,083.00	4.74	IncAzi-MWD	Scientific Drilling	
7/15/2011	5,163.00	4.24	IncAzi-MWD	Scientific Drilling	
7/15/2011	5,221.00	4.24	Projection	Scientific Drilling	
7/23/2011	5,418.00	1.50	Inc-MWD	Tele-Drift	
7/24/2011	5,900.00	0.50	Inc-MWD	Tele-Drift	
7/24/2011	6,500.00	0.50	Inc-MWD	Tele-Drift	
7/29/2011	7,300.00	0.75	Inc-WL	Aztec/Totco	
7/31/2011	7,805.00	1.00	Inc-WL	Aztec/Totco	
8/1/2011	8,336.00	1.00	Inc-WL	Aztec/Totco	
8/7/2011	8,556.00	3.00	Inc-Drop	Aztec/Totco	

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 10/3/11

Mario Jaramello

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14