

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

AS DRILLED PLAT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30958	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 43N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6209'

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	14	30N	6W		1980	SOUTH	1475	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
0	14	30N	6W		863'	SOUTH	2301'	EAST	RIO ARriba
¹² Dedicated Acres 320.0 Acres - E/2 (MV) 320.0 Acres - E/2 (DK)					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

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  5268.12' 5280.00' 14 SURFACE LOCATION LAT: 36°48.6477'N LONG: 107°25.6594'W DATUM: NAD1927 LAT: 36.81080°N LONG: 107.42826°W DATUM: NAD1983 1160' 655' 1475' 2301' 863' 1801' 305' BOTTOM HOLE 5268.12'	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. <i>Marie E. Jaramillo</i> 8/10/11 Signature _____ Date _____ Marie E. Jaramillo 8/10/11 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: JULY 24, 2009 Signature and Seal of Professional Surveyor  <i>Jason C. Edwards</i> Certificate Number 15269

A

PC

COP Deviation Report

SAN JUAN 30-6 UNIT #43N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #43N	API / UWI 3003930958	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 014-030N-006W-J	N/S Dist (ft) 1,980.00	N/S Ref FSL	E/W Dist (ft) 1,475.00	E/W Ref FEL

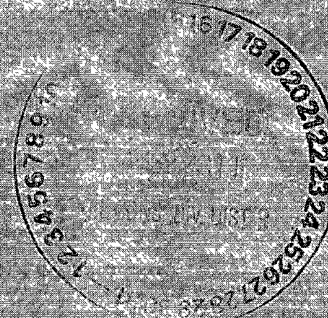
Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
5/4/2011	129.00	1.00	Inc-Drop	MO-TE DRILLING INC.	
5/4/2011	239.00	0.25	Inc-Drop	MO-TE DRILLING INC.	
5/8/2011	266.00	0.78	IncAzi-MWD	Scientific Drilling	
5/8/2011	328.00	1.63	IncAzi-MWD	Scientific Drilling	
5/8/2011	390.00	3.37	IncAzi-MWD	Scientific Drilling	
5/8/2011	451.00	5.05	IncAzi-MWD	Scientific Drilling	
5/10/2011	512.00	6.63	IncAzi-MWD	Scientific Drilling	
5/10/2011	574.00	8.10	IncAzi-MWD	Scientific Drilling	
5/10/2011	635.00	9.97	IncAzi-MWD	Scientific Drilling	
5/10/2011	697.00	11.78	IncAzi-MWD	Scientific Drilling	
5/10/2011	758.00	13.62	IncAzi-MWD	Scientific Drilling	
5/10/2011	820.00	15.94	IncAzi-MWD	Scientific Drilling	
5/10/2011	886.00	17.60	IncAzi-MWD	Scientific Drilling	
5/10/2011	949.00	19.10	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,012.00	20.26	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,075.00	22.29	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,137.00	24.71	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,201.00	26.15	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,264.00	27.94	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,326.00	29.01	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,390.00	29.06	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,453.00	28.58	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,516.00	29.84	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,579.00	29.42	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,642.00	29.13	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,705.00	30.07	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,768.00	30.31	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,831.00	30.35	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,894.00	30.37	IncAzi-MWD	Scientific Drilling	
5/10/2011	1,957.00	29.76	IncAzi-MWD	Scientific Drilling	
5/10/2011	2,020.00	30.02	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,083.00	30.24	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,146.00	29.86	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,210.00	30.04	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,273.00	29.85	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 _____



Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
5/11/2011	2,336.00	29.61	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,399.00	30.55	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,462.00	30.58	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,526.00	30.78	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,589.00	30.64	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,652.00	30.36	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,715.00	30.41	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,778.00	30.31	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,841.00	29.83	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,904.00	29.43	IncAzi-MWD	Scientific Drilling	
5/11/2011	2,968.00	28.60	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,031.00	27.65	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,094.00	26.86	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,158.00	25.22	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,220.00	24.63	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,284.00	22.18	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,380.00	20.14	IncAzi-MWD	Scientific Drilling	
5/11/2011	3,444.00	20.26	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,507.00	18.41	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,571.00	16.13	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,634.00	14.12	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,697.00	12.41	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,760.00	9.76	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,822.00	6.58	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,885.00	5.32	IncAzi-MWD	Scientific Drilling	
5/12/2011	3,948.00	4.22	IncAzi-MWD	Scientific Drilling	
5/12/2011	4,011.00	1.82	IncAzi-MWD	Scientific Drilling	
5/12/2011	4,074.00	1.10	IncAzi-MWD	Scientific Drilling	
5/12/2011	4,145.00	1.22	IncAzi-MWD	Scientific Drilling	
6/2/2011	7,932.00	0.75	Inc-WL	Phoenix Services LLC	
5/19/2011	7,980.00	1.22	Projection	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.



Subscribed and sworn to me this 8/10/11

Marcos Jaramillo

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



Scientific Drilling
Directional Drilling Operations



ConocoPhillips

SJB (NM Central)
SEC 14-T30N-R6W
SJ 30-6 #43N
API# 30-039-30958
Original Hole

Design: Original Hole

Standard Survey Report

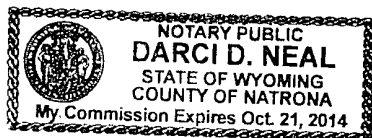
16 May, 2011

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

Notarized this date 17th of May, 2011.

Darci D. Neal

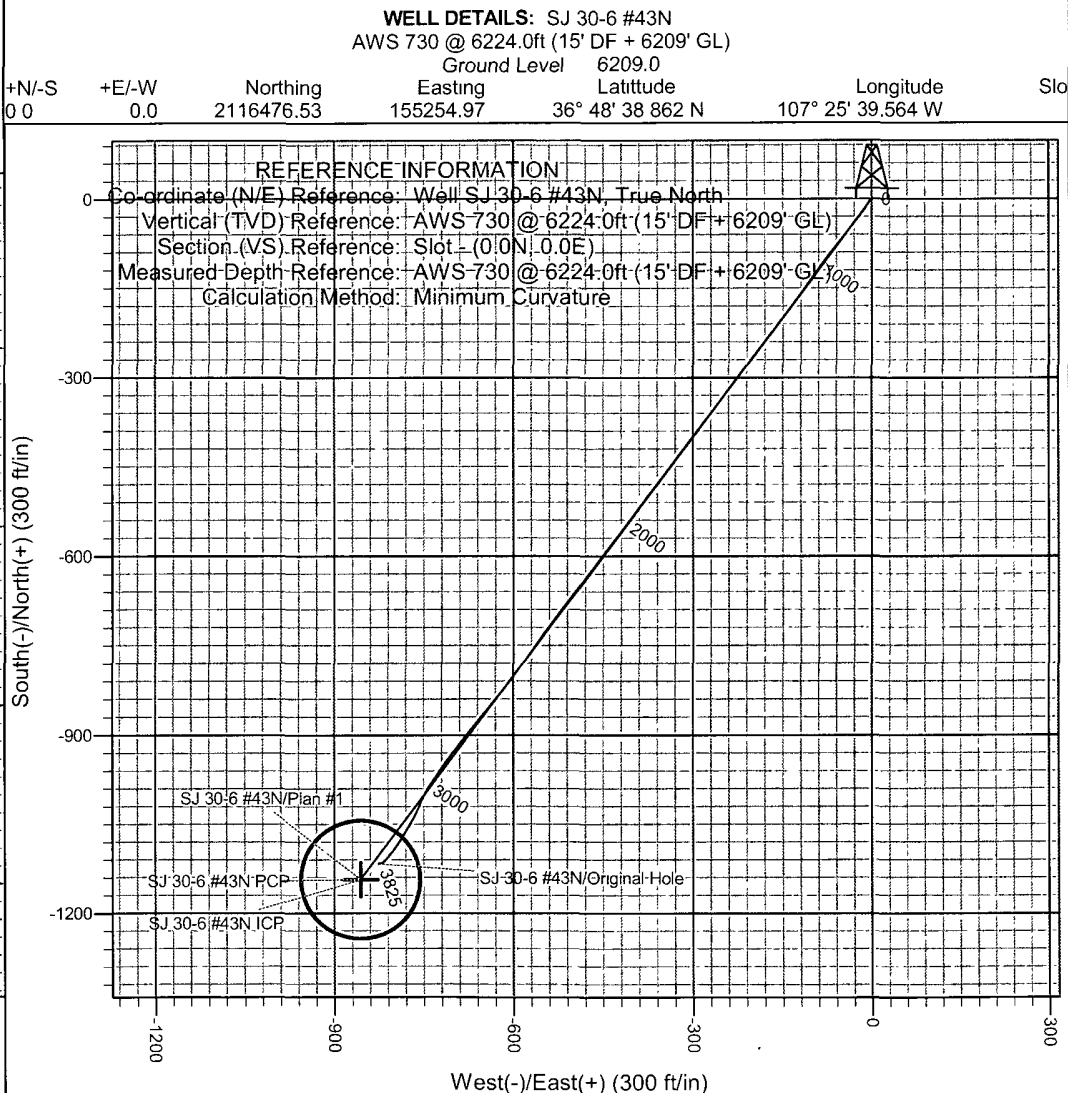
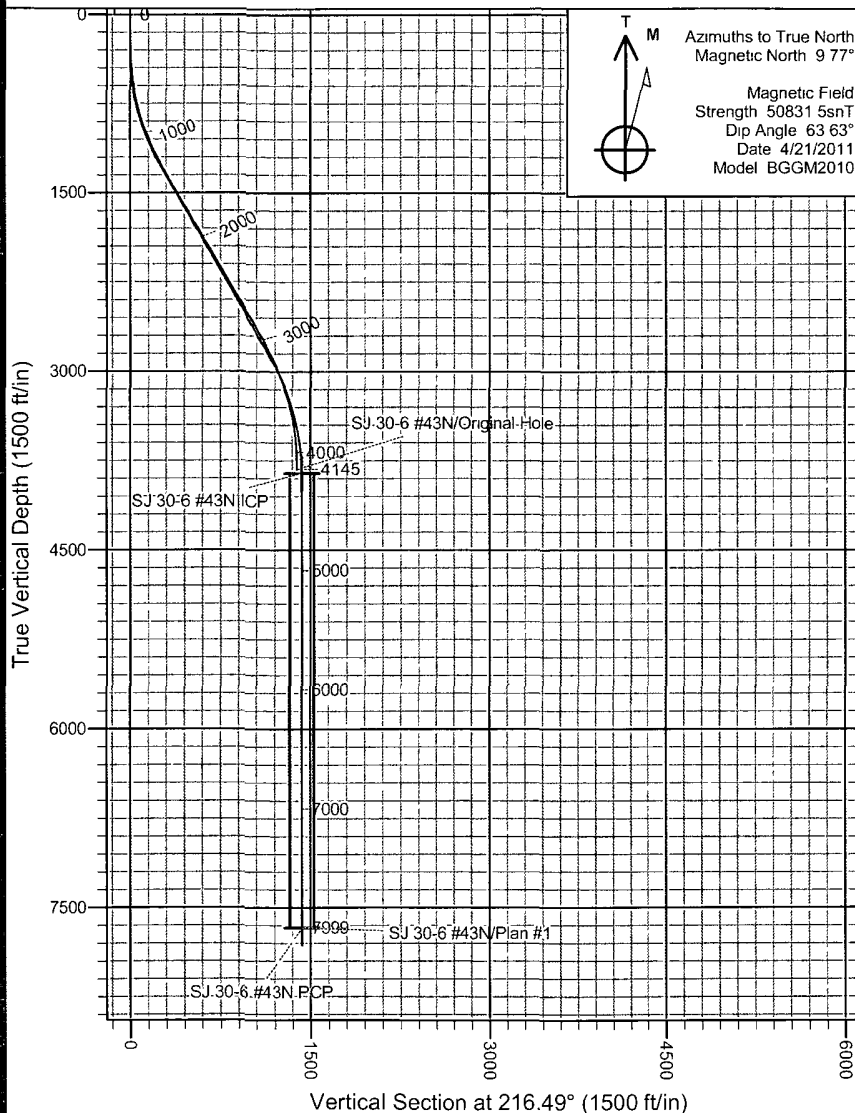
Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips



Project: SJB (NM Central)
Site: SEC 14-T30N-R6W
Well: SJ 30-6 #43N
Wellbore: Original Hole
Design: Original Hole



WELL DETAILS: SJ 30-6 #43N
AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Ground Level 6209.0
Northing 2116476.53
Easting 155254.97
Latitude 36° 48' 38.862 N
Longitude 107° 25' 39.564 W

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 30-6 #43N, True North
Vertical (TVD) Reference: AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Calculation Method: Minimum Curvature

COMPANY DETAILS: ConocoPhillips
Calculation Method: Minimum Curvature
Error System: ISCWSA
Scan Method: Closest Approach 3D
Error Surface: Combined Covariances
Warning Method: Risk Ratio

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

SITE DETAILS: SEC 14-T30N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 48' 38.862 N
Longitude: 107° 25' 39.564 W
Positional Uncertainty: 7.5
Convergence: -0.71
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #43N
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Site:	SEC 14-T30N-R6W	MD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Well:	SJ 30-6 #43N	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 14-T30N-R6W		
Site Position:		Northing:	2,116,476.53 ft
From:	Lat/Long	Easting:	155,254.97 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 48' 38.862 N
		Longitude:	107° 25' 39.564 W
		Grid Convergence:	-0.71 °

Well:	SJ 30-6 #43N, S-Type MV/DK		
Well Position	+N/-S	0.0 ft	Northing: 2,116,476.53 ft
	+E/-W	0.0 ft	Easting: 155,254.97 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 48' 38.862 N
		Longitude:	107° 25' 39.564 W
		Ground Level:	6,209.0 ft

Wellbore:	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2010	4/21/2011	9.77	63.63	50,831

Design:	Original Hole			
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	216.49

Survey Program	Date	5/16/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
266.0	4,145.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey:										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(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	
266.0	0.78	243.76	266.0	-0.8	-1.6	1.6	0.29	0.29	0.00	
First SDI MWD Survey										
328.0	1.63	205.94	328.0	-1.8	-2.4	2.9	1.81	1.37	-61.00	
390.0	3.37	210.34	389.9	-4.1	-3.7	5.5	2.82	2.81	7.10	
451.0	5.05	209.40	450.8	-8.0	-5.9	10.0	2.76	2.75	-1.54	
512.0	6.63	216.66	511.4	-13.2	-9.3	16.2	2.85	2.59	11.90	
574.0	8.10	217.98	572.9	-19.5	-14.2	24.1	2.39	2.37	2.13	
635.0	9.97	218.96	633.2	-27.0	-20.1	33.7	3.08	3.07	1.61	
697.0	11.78	217.13	694.0	-36.2	-27.3	45.4	2.97	2.92	-2.95	
758.0	13.62	216.72	753.5	-46.9	-35.4	58.8	3.02	3.02	-0.67	
820.0	15.94	217.88	813.5	-59.5	-45.0	74.6	3.77	3.74	1.87	
886.0	17.60	219.55	876.7	-74.4	-56.9	93.6	2.62	2.52	2.53	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #43N
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Site:	SEC 14-T30N-R6W	MD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Well:	SJ 30-6 #43N	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)
949.0	19.10	218.85	936.5	-89.7	-69.4	113.4	2.41	2.38	-1.11
1,012.0	20.26	215.83	995.8	-106.6	-82.3	134.6	2.45	1.84	-4.79
1,075.0	22.29	215.50	1,054.5	-125.2	-95.6	157.5	3.23	3.22	-0.52
1,137.0	24.71	215.50	1,111.4	-145.3	-110.0	182.2	3.90	3.90	0.00
1,201.0	26.15	216.05	1,169.2	-167.6	-126.0	209.7	2.28	2.25	0.86
1,264.0	27.94	217.12	1,225.3	-190.6	-143.1	238.3	2.94	2.84	1.70
1,326.0	29.01	217.60	1,279.8	-214.1	-161.0	267.9	1.76	1.73	0.77
1,390.0	29.06	216.89	1,335.7	-238.8	-179.8	298.9	0.54	0.08	-1.11
1,453.0	28.58	216.22	1,390.9	-263.2	-197.9	329.3	0.92	-0.76	-1.06
1,516.0	29.84	217.08	1,445.9	-287.9	-216.3	360.1	2.11	2.00	1.37
1,579.0	29.42	216.43	1,500.7	-312.8	-234.9	391.2	0.84	-0.67	-1.03
1,642.0	29.13	216.00	1,555.6	-337.7	-253.1	422.0	0.57	-0.46	-0.68
1,705.0	30.07	217.98	1,610.4	-362.5	-271.9	453.1	2.15	1.49	3.14
1,768.0	30.31	217.49	1,664.9	-387.6	-291.2	484.8	0.55	0.38	-0.78
1,831.0	30.35	217.43	1,719.2	-412.8	-310.6	516.6	0.08	0.06	-0.10
1,894.0	30.37	216.65	1,773.6	-438.3	-329.8	548.4	0.63	0.03	-1.24
1,957.0	29.76	216.23	1,828.1	-463.6	-348.5	580.0	1.02	-0.97	-0.67
2,020.0	30.02	217.53	1,882.7	-488.8	-367.4	611.4	1.11	0.41	2.06
2,083.0	30.24	216.17	1,937.2	-514.1	-386.3	643.0	1.14	0.35	-2.16
2,146.0	29.86	215.90	1,991.8	-539.6	-404.9	674.6	0.64	-0.60	-0.43
2,210.0	30.04	217.57	2,047.2	-565.2	-424.0	706.5	1.33	0.28	2.61
2,273.0	29.85	217.76	2,101.8	-590.1	-443.2	738.0	0.34	-0.30	0.30
2,336.0	29.61	216.55	2,156.5	-615.0	-462.1	769.2	1.03	-0.38	-1.92
2,399.0	30.55	217.54	2,211.0	-640.2	-481.1	800.8	1.69	1.49	1.57
2,462.0	30.58	216.74	2,265.3	-665.7	-500.4	832.8	0.65	0.05	-1.27
2,526.0	30.78	218.10	2,320.3	-691.6	-520.3	865.5	1.13	0.31	2.13
2,589.0	30.64	216.03	2,374.5	-717.3	-539.7	897.6	1.69	-0.22	-3.29
2,652.0	30.36	215.39	2,428.8	-743.3	-558.3	929.6	0.68	-0.44	-1.02
2,715.0	30.41	214.76	2,483.1	-769.3	-576.7	961.5	0.51	0.08	-1.00
2,778.0	30.31	215.90	2,537.5	-795.3	-595.1	993.3	0.93	-0.16	1.81
2,841.0	29.83	219.13	2,592.0	-820.4	-614.3	1,024.8	2.68	-0.76	5.13
2,904.0	29.43	218.62	2,646.8	-844.6	-633.8	1,056.0	0.75	-0.63	-0.81
2,968.0	28.60	219.20	2,702.7	-868.8	-653.3	1,087.0	1.37	-1.30	0.91
3,031.0	27.65	218.85	2,758.3	-891.8	-672.0	1,116.6	1.53	-1.51	-0.56
3,094.0	26.86	217.09	2,814.3	-914.6	-689.8	1,145.5	1.79	-1.25	-2.79
3,158.0	25.22	216.79	2,871.8	-937.0	-706.7	1,173.6	2.57	-2.56	-0.47
3,220.0	24.63	215.22	2,928.0	-958.2	-722.0	1,199.7	1.43	-0.95	-2.53
3,284.0	22.18	213.72	2,986.7	-979.1	-736.4	1,225.1	3.94	-3.83	-2.34
3,380.0	20.14	203.14	3,076.3	-1,009.4	-753.0	1,259.3	4.50	-2.13	-11.02
3,444.0	20.26	205.85	3,136.4	-1,029.5	-762.1	1,280.9	1.47	0.19	4.23
3,507.0	18.41	209.47	3,195.8	-1,048.0	-771.8	1,301.5	3.50	-2.94	5.75
3,571.0	16.13	210.95	3,256.9	-1,064.4	-781.3	1,320.4	3.63	-3.56	2.31
3,634.0	14.12	213.62	3,317.7	-1,078.3	-790.1	1,336.8	3.38	-3.19	4.24
3,697.0	12.41	214.36	3,379.1	-1,090.3	-798.2	1,351.2	2.73	-2.71	1.17
3,760.0	9.76	221.60	3,440.9	-1,099.9	-805.5	1,363.3	4.74	-4.21	11.49
3,822.0	6.58	215.51	3,502.2	-1,106.7	-811.1	1,372.1	5.31	-5.13	-9.82
3,885.0	5.32	227.91	3,564.9	-1,111.6	-815.4	1,378.6	2.85	-2.00	19.68
3,948.0	4.22	243.41	3,627.7	-1,114.6	-819.6	1,383.5	2.67	-1.75	24.60
4,011.0	1.82	265.69	3,690.6	-1,115.7	-822.7	1,386.2	4.17	-3.81	35.37
4,074.0	1.10	253.70	3,753.6	-1,116.0	-824.2	1,387.3	1.24	-1.14	-19.03
4,145.0	1.22	253.86	3,824.6	-1,116.4	-825.6	1,388.5	0.17	0.17	0.23
Last SDI MWD Survey									



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #43N
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Site:	SEC 14-T30N-R6W	MD Reference:	AWS 730 @ 6224.0ft (15' DF + 6209' GL)
Well:	SJ 30-6 #43N	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Checked By: _____ Approved By: _____ Date: _____