

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

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30838	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 9B
⁷ OGRID No 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6224

¹⁰ SURFACE LOCATION

UL or lot no. G	Section 30	Township 30-N	Range 7-W	Lot Idn	Feet from the 2178	North/South line NORTH	Feet from the 2212	East/West line EAST	County RIO ARRIBA
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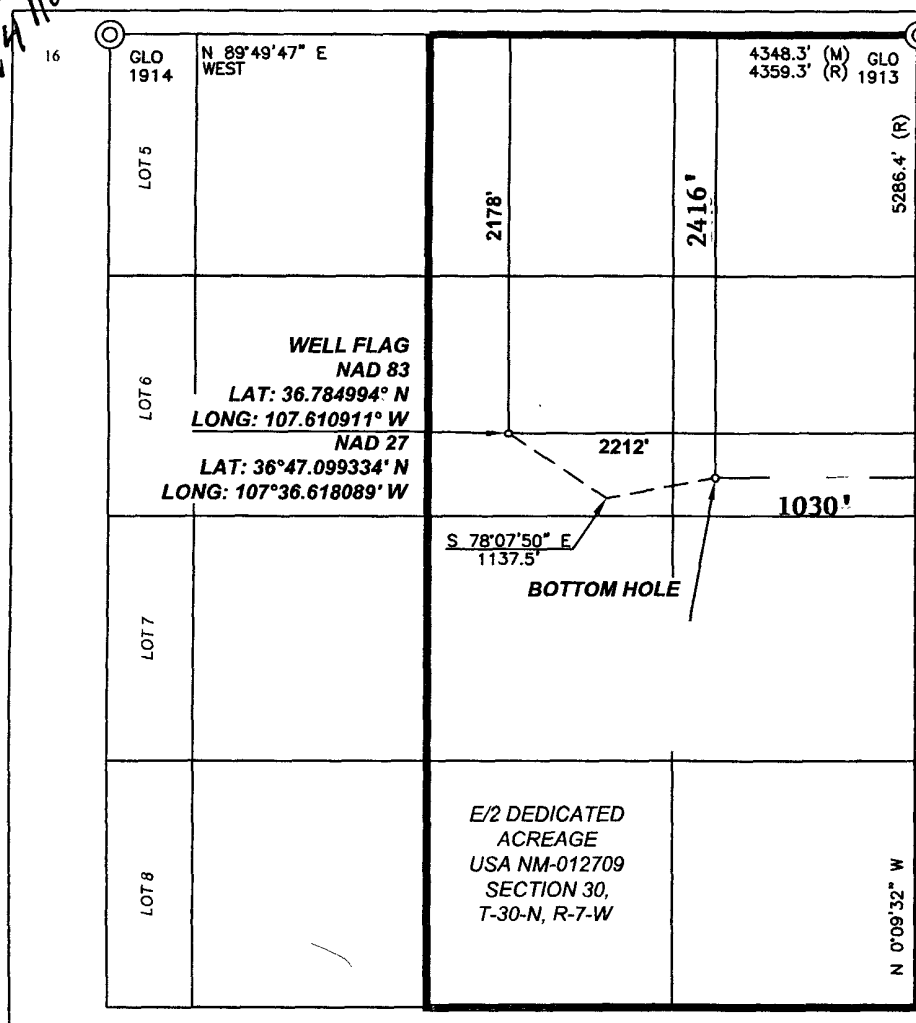
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. H	Section 30	Township 30-N	Range 7-W	Lot Idn	Feet from the 2416	North/South line NORTH	Feet from the 1030	East/West line EAST	County RIO ARRIBA
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¹² Dedicated Acres 320.00 E/2	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

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.

Tamra Sessions
Signature

Tamra Sessions
Printed Name

Title and E-mail Address

6/3/10
Date

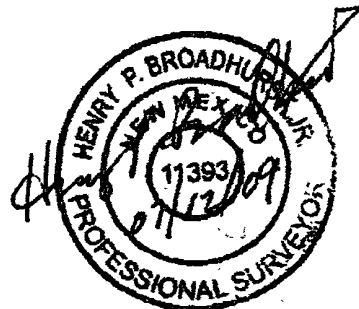
Date

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: 6/22/09

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/2/2010	2,199.00	33.92	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,289.00	35.22	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,379.00	35.08	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,469.00	33.95	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,558.00	34.77	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,603.00	34.77	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,648.00	33.07	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,693.00	31.73	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,738.00	30.22	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,783.00	29.25	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,828.00	27.66	IncAzi-MWD	Scientific Drilling	
3/3/2010	2,873.00	25.94	IncAzi-MWD	Scientific Drilling	
3/3/2010	2,918.00	24.61	IncAzi-MWD	Scientific Drilling	
3/3/2010	2,963.00	22.60	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,008.00	20.52	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,053.00	18.52	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,098.00	16.43	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,143.00	14.51	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,188.00	13.20	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,233.00	12.28	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,278.00	11.28	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,323.00	9.70	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,368.00	8.70	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,413.00	8.15	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,458.00	7.82	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,503.00	6.64	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,548.00	5.47	IncAzi-MWD	Scientific Drilling	
3/3/2010	3,621.00	4.13	IncAzi-MWD	Scientific Drilling	
3/18/2010	7,871.00	1.00	Inc-WL	PHOENIX	

RCVD JUN 3 '10
OIL CONS. DIV.

DIST. 3

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 6/3/10

Laura D. Sessin

Notary Public in and for San Juan County, New Mexico

My Commission expires 2/8/12



COP Deviation Report
SAN JUAN 30-6 UNIT #9B

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #9B	API / UWI 3003930838	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 030-030N-007W-G	N/S Dist (ft) 2,178.00	N/S Ref FNL	E/W Dist (ft) 2,212.00	E/W Ref FEL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
1/25/2010	130.00	0.75	Inc-WL	MOTE	
1/25/2010	236.00	0.75	Inc-WL	MOTE	
3/2/2010	266.00	1.06	IncAzi-MWD	Scientific Drilling	
3/2/2010	296.00	0.95	IncAzi-MWD	Scientific Drilling	
3/2/2010	327.00	0.51	IncAzi-MWD	Scientific Drilling	
3/2/2010	387.00	0.32	IncAzi-MWD	Scientific Drilling	
3/2/2010	449.00	1.52	IncAzi-MWD	Scientific Drilling	
3/2/2010	510.00	2.80	IncAzi-MWD	Scientific Drilling	
3/2/2010	572.00	4.06	IncAzi-MWD	Scientific Drilling	
3/2/2010	632.00	5.48	IncAzi-MWD	Scientific Drilling	
3/2/2010	694.00	7.25	IncAzi-MWD	Scientific Drilling	
3/2/2010	756.00	9.20	IncAzi-MWD	Scientific Drilling	
3/2/2010	804.00	10.76	IncAzi-MWD	Scientific Drilling	
3/2/2010	849.00	11.89	IncAzi-MWD	Scientific Drilling	
3/2/2010	894.00	13.00	IncAzi-MWD	Scientific Drilling	
3/2/2010	939.00	14.18	IncAzi-MWD	Scientific Drilling	
3/2/2010	984.00	15.81	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,029.00	17.30	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,074.00	18.89	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,119.00	20.15	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,164.00	21.56	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,209.00	22.86	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,254.00	24.33	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,299.00	26.31	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,344.00	27.57	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,389.00	29.20	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,434.00	31.16	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,479.00	32.53	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,569.00	32.68	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,659.00	32.47	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,749.00	32.64	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,839.00	32.77	IncAzi-MWD	Scientific Drilling	
3/2/2010	1,929.00	33.22	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,019.00	32.89	IncAzi-MWD	Scientific Drilling	
3/2/2010	2,109.00	33.94	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 _____

RD 1119.10
OL 0115.011.

DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 30-T30N-R7W
SJ 30-6 #9B

Original Hole

Survey: Actual

Standard Survey Report

31 March, 2010

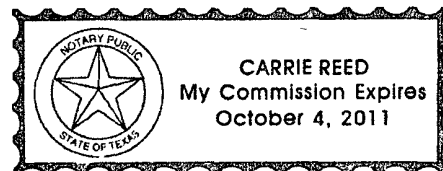
This survey is correct to the best of my knowledge and is supported by actual field data.

Hubert

Notorized this date 1st of April, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ-30-6 #9B
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6240.0ft (H&P 282)
Site:	SEC 30-T30N-R7W	MD Reference:	DFE @ 6240.0ft (H&P 282)
Well:	SJ 30-6 #9B	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 30-T30N-R7W		
Site Position:		Northing:	2,107,790.96 ft
From:	Lat/Long	Easting:	101,651.57 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 47' 5.960 N
		Longitude:	107° 36' 37.085 W
		Grid Convergence:	-0.81°

Well	SJ 30-6 #9B, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,107,790.96 ft
	+E/-W	0.0 ft	Easting: 101,651.57 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 47' 5.960 N
		Longitude:	107° 36' 37.085 W
		Ground Level:	6,224.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2009	1/20/2010	(°)
			10.00
			63.60
			50,944
			(nT)

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
			101.40
			(°)

Survey Program	Date	3/31/2010		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
266.0	3,621.0	Actual (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
266.0	1.06	43.81	266.0	1.8	1.7	1.3	0.40	0.40	0.00
296.0	0.95	54.05	296.0	2.1	2.1	1.6	0.70	-0.37	34.13
327.0	0.51	26.00	327.0	2.4	2.4	1.8	1.79	-1.42	-90.48
387.0	0.32	63.52	387.0	2.7	2.6	2.0	0.54	-0.32	62.53
449.0	1.52	104.49	449.0	2.6	3.6	3.0	2.09	1.94	66.08
510.0	2.80	111.86	509.9	1.8	5.7	5.3	2.14	2.10	12.08
572.0	4.06	106.17	571.8	0.7	9.3	9.0	2.10	2.03	-9.18
632.0	5.48	102.16	631.6	-0.5	14.1	13.9	2.43	2.37	-6.68
694.0	7.25	100.95	693.2	-1.9	20.8	20.8	2.86	2.85	-1.95
756.0	9.20	101.40	754.6	-3.6	29.5	29.7	3.15	3.15	0.73
804.0	10.76	102.63	801.8	-5.4	37.7	38.0	3.28	3.25	2.56
849.0	11.89	104.20	846.0	-7.4	46.3	46.8	2.60	2.51	3.49

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #9B
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6240.0ft (H&P 282)
Site:	SEC 30-T30N-R7W	MD Reference:	DFE @ 6240.0ft (H&P 282)
Well:	SJ 30-6 #9B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

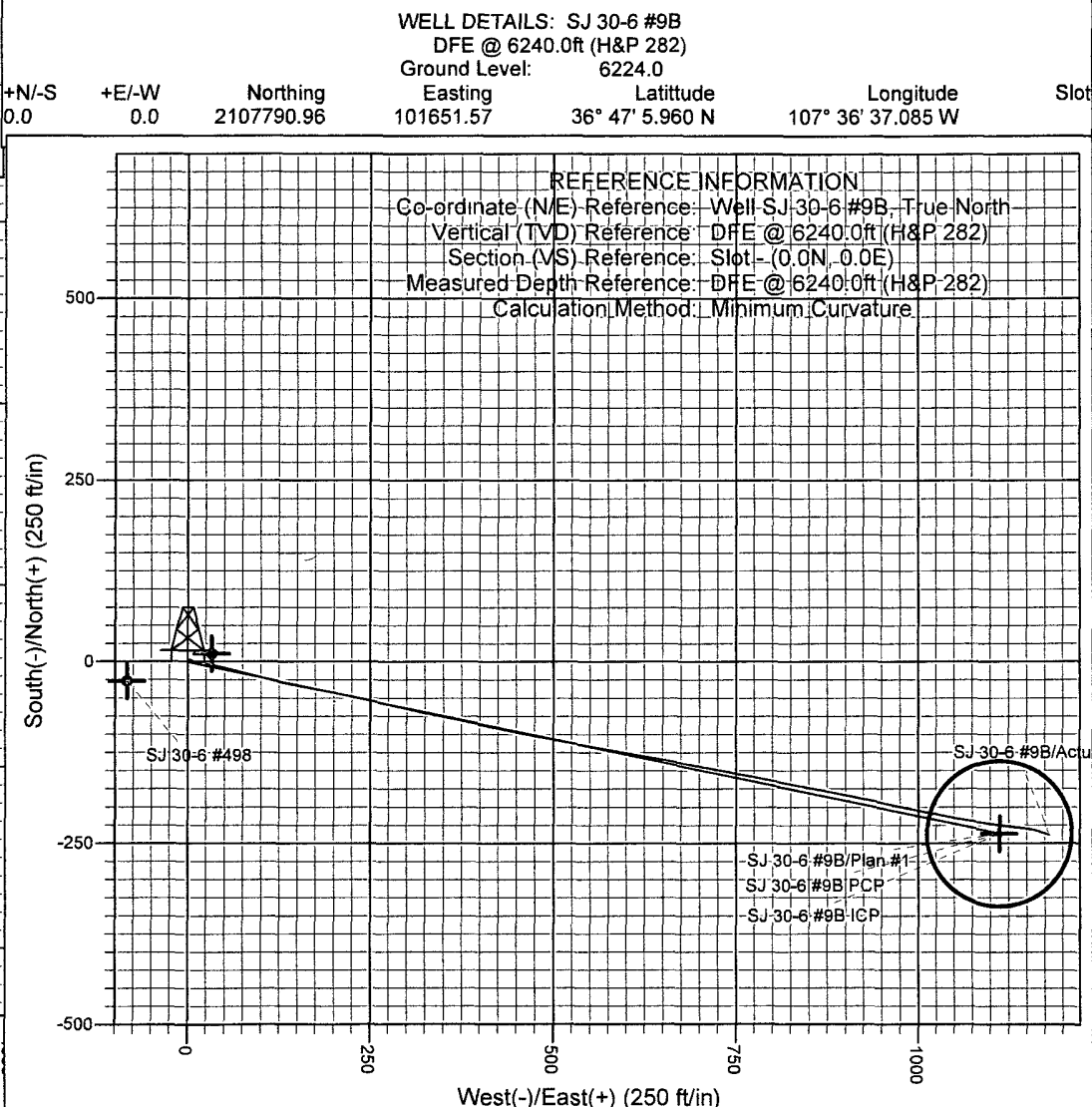
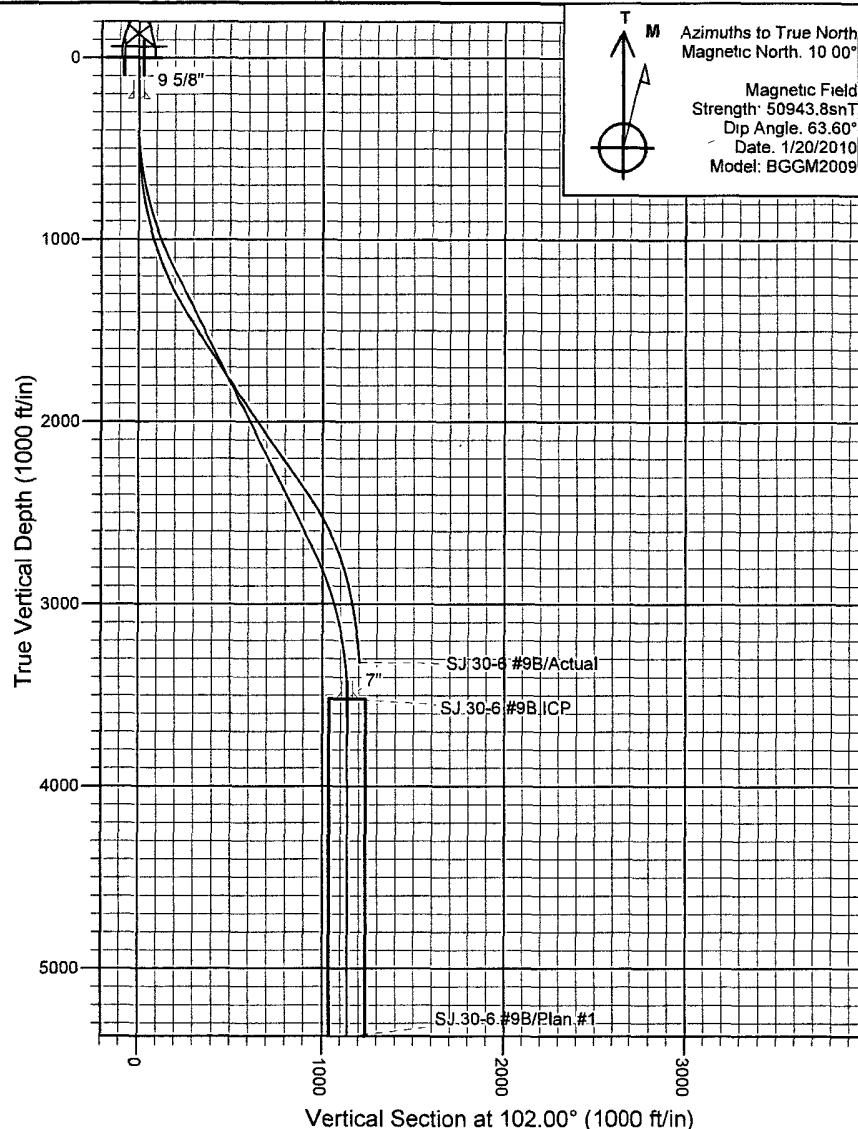
Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
894.0	13.00	102.79	889.9	-9.7	55.7	56.5	2.56	2.47	-3.13	
939.0	14.18	103.89	933.7	-12.1	66.0	67.1	2.68	2.62	2.44	
984.0	15.81	104.98	977.1	-15.0	77.3	78.7	3.68	3.62	2.42	
1,029.0	17.30	105.01	1,020.3	-18.4	89.6	91.5	3.31	3.31	0.07	
1,074.0	18.89	104.89	1,063.0	-22.0	103.1	105.5	3.53	3.53	-0.27	
1,119.0	20.15	103.93	1,105.4	-25.7	117.7	120.5	2.89	2.80	-2.13	
1,164.0	21.56	102.13	1,147.5	-29.3	133.3	136.5	3.44	3.13	-4.00	
1,209.0	22.86	101.57	1,189.2	-32.8	150.0	153.5	2.93	2.89	-1.24	
1,254.0	24.33	100.94	1,230.4	-36.3	167.6	171.5	3.31	3.27	-1.40	
1,299.0	26.31	100.94	1,271.1	-40.0	186.5	190.7	4.40	4.40	0.00	
1,344.0	27.57	101.46	1,311.2	-43.9	206.5	211.1	2.85	2.80	1.16	
1,389.0	29.20	102.13	1,350.8	-48.3	227.5	232.5	3.69	3.62	1.49	
1,434.0	31.16	102.61	1,389.7	-53.1	249.6	255.1	4.39	4.36	1.07	
1,479.0	32.53	102.82	1,427.9	-58.4	272.7	278.9	3.05	3.04	0.47	
1,569.0	32.68	102.65	1,503.7	-69.1	320.0	327.4	0.20	0.17	-0.19	
1,659.0	32.47	101.88	1,579.5	-79.4	367.4	375.8	0.52	-0.23	-0.86	
1,749.0	32.64	101.99	1,655.4	-89.4	414.8	424.2	0.20	0.19	0.12	
1,839.0	32.77	101.60	1,731.1	-99.3	462.4	472.9	0.28	0.14	-0.43	
1,929.0	33.22	100.65	1,806.6	-108.8	510.4	521.9	0.76	0.50	-1.06	
2,019.0	32.89	100.66	1,882.1	-117.8	558.7	571.0	0.37	-0.37	0.01	
2,109.0	33.94	100.79	1,957.2	-127.1	607.4	620.5	1.17	1.17	0.14	
2,199.0	33.92	100.28	2,031.9	-136.2	656.8	670.7	0.32	-0.02	-0.57	
2,289.0	35.22	100.36	2,106.0	-145.4	707.0	721.8	1.45	1.44	0.09	
2,379.0	35.08	101.00	2,179.6	-155.0	757.9	773.6	0.44	-0.16	0.71	
2,469.0	33.95	101.50	2,253.7	-164.9	807.9	824.6	1.29	-1.26	0.56	
2,558.0	34.77	101.38	2,327.2	-174.9	857.2	874.8	0.92	0.92	-0.13	
2,603.0	34.77	101.23	2,364.1	-179.9	882.3	900.5	0.19	0.00	-0.33	
2,648.0	33.07	101.62	2,401.5	-184.9	907.0	925.6	3.81	-3.78	0.87	
2,693.0	31.73	102.13	2,439.5	-189.9	930.6	949.7	3.04	-2.98	1.13	
2,738.0	30.22	102.65	2,478.1	-194.8	953.2	972.9	3.41	-3.36	1.16	
2,783.0	29.25	101.70	2,517.1	-199.5	975.0	995.2	2.40	-2.16	-2.11	
2,828.0	27.66	101.61	2,556.7	-203.9	996.0	1,016.6	3.53	-3.53	-0.20	
2,873.0	25.94	101.68	2,596.9	-208.0	1,015.9	1,036.9	3.82	-3.82	0.16	
2,918.0	24.61	101.71	2,637.6	-211.9	1,034.7	1,056.1	2.96	-2.96	0.07	
2,963.0	22.60	100.31	2,678.8	-215.3	1,052.4	1,074.2	4.64	-4.47	-3.11	
3,008.0	20.52	98.91	2,720.6	-218.1	1,068.7	1,090.7	4.76	-4.62	-3.11	
3,053.0	18.52	98.39	2,763.0	-220.4	1,083.5	1,105.7	4.46	-4.44	-1.16	
3,098.0	16.43	100.26	2,806.0	-222.5	1,096.9	1,119.2	4.81	-4.64	4.16	
3,143.0	14.51	98.29	2,849.3	-224.5	1,108.7	1,131.2	4.42	-4.27	-4.38	
3,188.0	13.20	96.45	2,893.0	-225.9	1,119.4	1,141.9	3.07	-2.91	-4.09	
3,233.0	12.28	96.12	2,936.9	-227.0	1,129.2	1,151.8	2.05	-2.04	-0.73	
3,278.0	11.28	96.99	2,981.0	-228.0	1,138.4	1,161.0	2.26	-2.22	1.93	
3,323.0	9.70	97.36	3,025.2	-229.0	1,146.5	1,169.1	3.51	-3.51	0.82	
3,368.0	8.70	100.19	3,069.6	-230.1	1,153.6	1,176.3	2.44	-2.22	6.29	
3,413.0	8.15	102.73	3,114.1	-231.4	1,160.1	1,182.9	1.48	-1.22	5.64	
3,458.0	7.82	107.57	3,158.7	-233.0	1,166.1	1,189.2	1.66	-0.73	10.76	
3,503.0	6.64	107.90	3,203.4	-234.8	1,171.5	1,194.8	2.62	-2.62	0.73	
3,548.0	5.47	109.10	3,248.1	-236.3	1,176.0	1,199.5	2.62	-2.60	2.67	
3,621.0	4.13	110.59	3,320.8	-238.3	1,181.7	1,205.5	1.84	-1.84	2.04	



Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
SEC 30-T30N-R7W
Well: SJ 30-6 #9B
Wellbore: Original Hole
Design: Plan #1
Site:

ConocoPhillips



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 30-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 47' 5.960 N
Longitude: 107° 36' 37.085 W
Positional Uncertainty: 0.0
Convergence: -0.81
Local North: True