

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

RECEIVED

JUL 2011

OIL CONS. DIV. DIST. 3

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30895	*Pool Code	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 31327	*Property Name SAN JUAN 30 - 5 UNIT	*Well Number 9B
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY	*Elevation 6590'

10 Surface Location

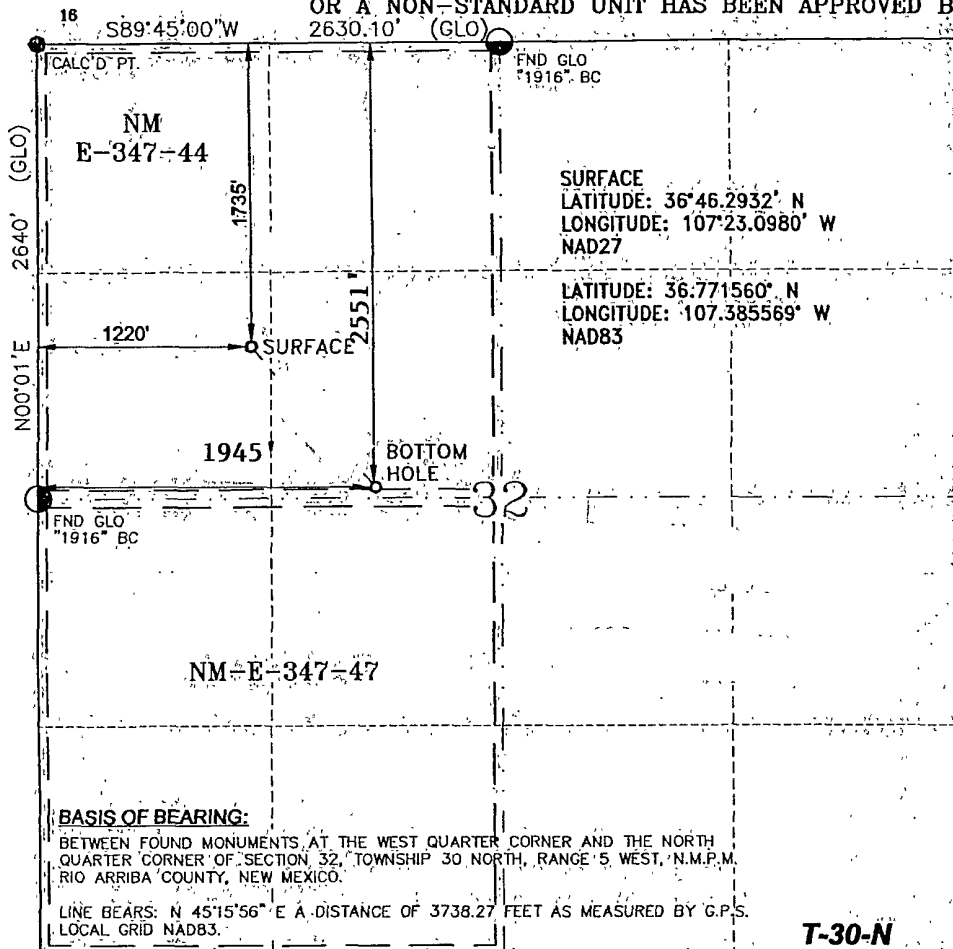
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	30-N	5-W		1735	NORTH	1220	WEST	RIO ARRIBA

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
F	32	30-N	5-W		2551'	NORTH	1945'	WEST	RIO ARRIBA

*Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2	*Joint or Infill	*Consolidation Code	*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



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 7/22/11
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.

August 27, 2009
Date of Survey

Signature and Seal of



GLEN W. RUSSELL
Certificate Number

15703

T-30-N
T-29-N



COP Deviation Report

SAN JUAN 30-5 UNIT #9B

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 30-5 UNIT #9B	API / UWI 3003930895	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 032-030N-005W-E	N/S Dist (ft) 1,735.00	N/S Ref FNL	E/W Dist (ft) 1,220.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
5/26/2011	130.00	0 50	Inc-WL	MOTE	
5/26/2011	238.00	0 75	Inc-WL	MOTE	
6/3/2011	296.00	1.01	IncAzi-MWD	Scientific Drilling	
6/3/2011	327.00	0.98	IncAzi-MWD	Scientific Drilling	
6/3/2011	388.00	1.08	IncAzi-MWD	Scientific Drilling	
6/3/2011	449.00	1.22	IncAzi-MWD	Scientific Drilling	
6/3/2011	509.00	0.91	IncAzi-MWD	Scientific Drilling	
6/3/2011	570.00	2.17	IncAzi-MWD	Scientific Drilling	
6/3/2011	631.00	3.69	IncAzi-MWD	Scientific Drilling	
6/3/2011	692.00	5.09	IncAzi-MWD	Scientific Drilling	
6/4/2011	754.00	6.50	IncAzi-MWD	Scientific Drilling	
6/4/2011	815.00	5.68	IncAzi-MWD	Scientific Drilling	
6/6/2011	912.00	6.89	IncAzi-MWD	Scientific Drilling	
6/4/2011	976.00	8.63	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,041.00	10.56	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,106.00	12.01	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,170.00	12.72	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,235.00	14.26	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,299.00	16.13	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,364.00	17.74	IncAzi-MWD	Scientific Drilling	
6/6/2011	1,429.00	19.72	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,493.00	21.42	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,556.00	22.79	IncAzi-MWD	Scientific Drilling	
6/4/2011	1,620.00	23.36	IncAzi-MWD	Scientific Drilling	
6/5/2011	1,685.00	25.11	IncAzi-MWD	Scientific Drilling	
6/5/2011	1,749.00	26.67	IncAzi-MWD	Scientific Drilling	
6/5/2011	1,814.00	28.04	IncAzi-MWD	Scientific Drilling	
6/5/2011	1,878.00	27.54	IncAzi-MWD	Scientific Drilling	
6/5/2011	1,943.00	26.98	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,008.00	27.71	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,072.00	28.00	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,137.00	28.08	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,201.00	28.11	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,266.00	27.85	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,330.00	28.00	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,394.00	28.63	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 _____



AV



COP Deviation Report
SAN JUAN 30-5 UNIT #9B

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
6/5/2011	2,459.00	29 12	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,524.00	29 29	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,589.00	29 73	IncAzi-MWD	Scientific Drilling	
6/6/2011	2,653.00	30 08	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,718.00	29 87	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,782.00	27 86	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,847.00	26 55	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,911.00	25 85	IncAzi-MWD	Scientific Drilling	
6/5/2011	2,976.00	25.45	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,041.00	25.09	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,105.00	22.66	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,169.00	20.77	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,234.00	18.73	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,299.00	17.49	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,363.00	15 11	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,427.00	14 72	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,492.00	14.15	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,556.00	12 30	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,621.00	10 53	IncAzi-MWD	Scientific Drilling	
6/5/2011	3,685.00	9 81	IncAzi-MWD	Scientific Drilling	
6/6/2011	3,749.00	8.39	IncAzi-MWD	Scientific Drilling	
6/6/2011	3,814.00	7 09	IncAzi-MWD	Scientific Drilling	
6/6/2011	3,878.00	5 68	IncAzi-MWD	Scientific Drilling	
6/6/2011	3,962.00	3.39	IncAzi-MWD	Scientific Drilling	
6/16/2011	8,170.00	0.75	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.

Valley

Subscribed and sworn to me this 7/21/11

M. Jaramello

Notary Public in and for San Juan County, New Mexico

My Commission expires 9/28/14



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 32-T30N-R5W
SJ 30-5 #9B
API# 30-039-30895
Original Hole



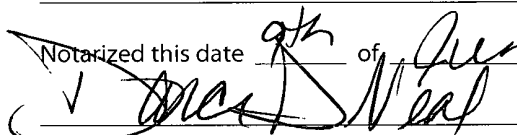
Design: Original Hole

Standard Survey Report

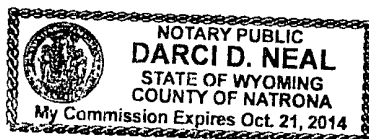
08 June, 2011

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

Notarized this date 9th of June, 2011.



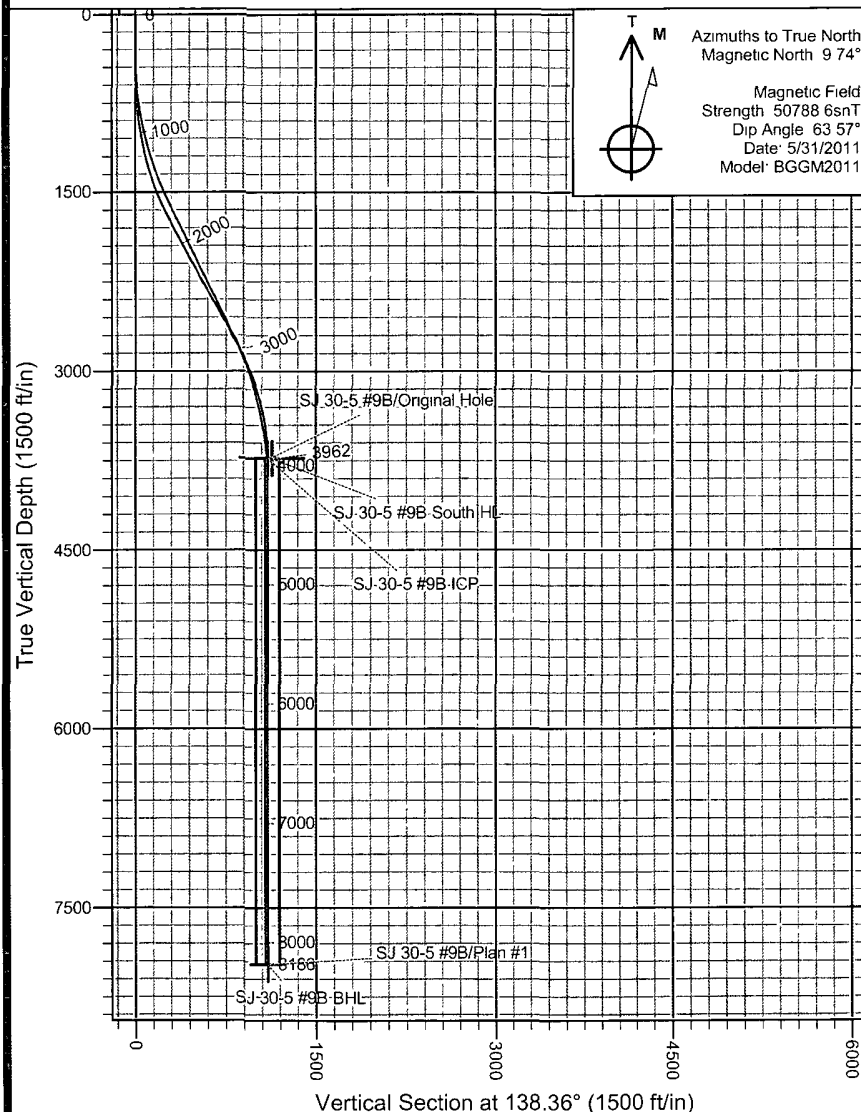
Notary Signature
County of Natrona
State of Wyoming



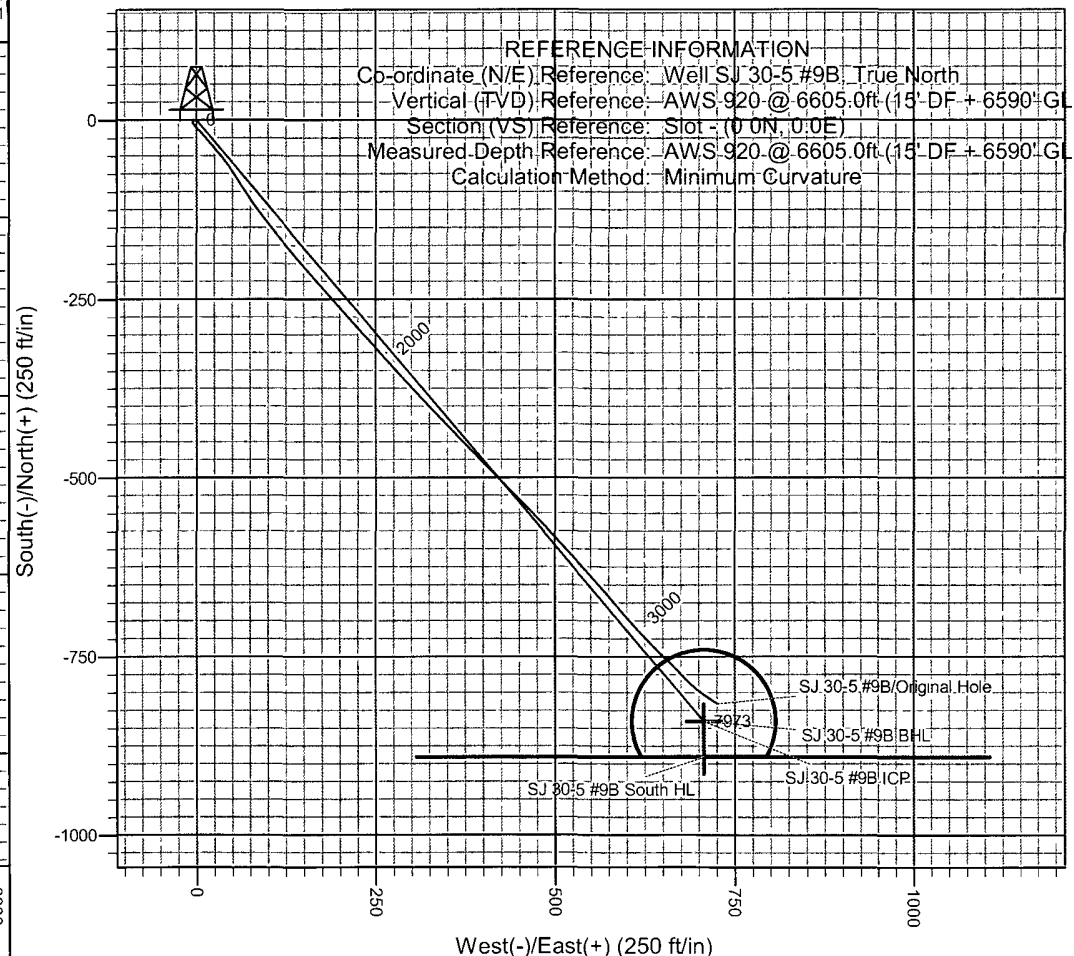

ConocoPhillips



Project: SJB (NM Central)
Site: SEC 32-T30N-R5W
Well: SJ 30-5 #9B
Wellbore: Original Hole
Design: Original Hole



WELL DETAILS: SJ 30-5 #9B
AWS 920 @ 6605.0ft (15' DF + 6590' GL)
Ground Level: 6590.0
Easting 167582.93
Northing 2102039.00
Latitude 36° 46' 17.592 N
Longitude 107° 23' 5.880 W



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 32-T30N-R5W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 17.592 N
Longitude: 107° 23' 5.880 W
Positional Uncertainty: 7.5
Convergence: -0.68
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-5 #9B
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6605.0ft (15' DF + 6590' GL)
Site:	SEC 32-T30N-R5W	MD Reference:	AWS 920 @ 6605 0ft (15' DF + 6590' GL)
Well:	SJ 30-5 #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 32-T30N-R5W		
Site Position:		Northing:	2,102,039.00 ft
From:	Lat/Long	Easting:	167,582.93 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 46' 17.592 N
		Longitude:	107° 23' 5.880 W
		Grid Convergence:	-0.68 °

Well:	SJ 30-5 #9B, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,102,039.00 ft
	+E/-W	0.0 ft	Easting: 167,582.93 ft
			Latitude: 36° 46' 17.592 N
			Longitude: 107° 23' 5.880 W
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Ground Level:	6,590.0 ft

Wellbore:	Original Hole		
Magnetics	Model Name	Sample Date	Declination
			(°)
	BGGM2011	5/31/2011	9.74
			Dip Angle
			(°)
			63.57
			Field Strength
			(nT)
			50,789

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
			Direction
			(°)
			138.36

Survey Program	Date:	6/8/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
296.0	3,962.0	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	
296.0	1.01	265.15	296.0	-0.2	-2.6	-1.6	0.34	0.34	0.00	
First SDI MWD Survey										
327.0	0.98	239.78	327.0	-0.4	-3.1	-1.8	1.41	-0.10	-81.84	
388.0	1.08	224.55	388.0	-1.0	-4.0	-1.8	0.48	0.16	-24.97	
449.0	1.22	201.13	449.0	-2.1	-4.6	-1.5	0.80	0.23	-38.39	
509.0	0.91	194.15	508.9	-3.1	-4.9	-0.9	0.56	-0.52	-11.63	
570.0	2.17	148.27	569.9	-4.6	-4.5	0.5	2.74	2.07	-75.21	
631.0	3.69	142.95	630.8	-7.1	-2.7	3.6	2.53	2.49	-8.72	
692.0	5.09	137.02	691.7	-10.7	0.4	8.2	2.41	2.30	-9.72	
754.0	6.50	135.19	753.3	-15.2	4.7	14.5	2.29	2.27	-2.95	
815.0	5.68	141.49	814.0	-20.0	9.0	20.9	1.73	-1.34	10.33	
912.0	6.89	139.82	910.4	-28.2	15.8	31.5	1.26	1.25	-1.72	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-5 #9B
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6605.0ft (15' DF + 6590' GL)
Site:	SEC 32-T30N-R5W	MD Reference:	AWS 920 @ 6605.0ft (15' DF + 6590' GL)
Well:	SJ 30-5 #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)
976.0	8.63	139.10	973.8	-34.7	21.4	40.2	2.72	2.72	-1.13
1,041.0	10.56	138.91	1,037.9	-42.9	28.5	51.0	2.97	2.97	-0.29
1,106.0	12.01	141.85	1,101.7	-52.7	36.6	63.7	2.40	2.23	4.52
1,170.0	12.72	144.83	1,164.2	-63.7	44.8	77.4	1.49	1.11	4.66
1,235.0	14.26	147.26	1,227.4	-76.3	53.2	92.4	2.52	2.37	3.74
1,299.0	16.13	148.04	1,289.1	-90.5	62.2	108.9	2.94	2.92	1.22
1,364.0	17.74	145.95	1,351.3	-106.4	72.5	127.7	2.65	2.48	-3.22
1,429.0	19.72	144.37	1,412.9	-123.5	84.4	148.4	3.14	3.05	-2.43
1,493.0	21.42	141.92	1,472.8	-141.4	97.9	170.8	2.98	2.66	-3.83
1,556.0	22.79	140.70	1,531.2	-159.9	112.8	194.5	2.29	2.17	-1.94
1,620.0	23.36	140.26	1,590.0	-179.3	128.7	219.5	0.93	0.89	-0.69
1,685.0	25.11	138.44	1,649.3	-199.5	146.1	246.2	2.93	2.69	-2.80
1,749.0	26.67	139.36	1,706.9	-220.6	164.5	274.1	2.52	2.44	1.44
1,814.0	28.04	139.33	1,764.6	-243.2	183.9	304.0	2.11	2.11	-0.05
1,878.0	27.54	139.20	1,821.2	-265.9	203.4	333.8	0.79	-0.78	-0.20
1,943.0	26.98	137.83	1,879.0	-288.2	223.1	363.6	1.29	-0.86	-2.11
2,008.0	27.71	138.61	1,936.8	-310.4	243.0	393.5	1.25	1.12	1.20
2,072.0	28.00	137.53	1,993.3	-332.7	263.0	423.4	0.91	0.45	-1.69
2,137.0	28.08	138.01	2,050.7	-355.3	283.5	453.9	0.37	0.12	0.74
2,201.0	28.11	137.74	2,107.2	-377.7	303.8	484.1	0.20	0.05	-0.42
2,266.0	27.85	136.38	2,164.6	-400.0	324.5	514.6	1.06	-0.40	-2.09
2,330.0	28.00	135.67	2,221.1	-421.5	345.3	544.5	0.57	0.23	-1.11
2,394.0	28.63	136.80	2,277.5	-443.5	366.3	574.8	1.29	0.98	1.77
2,459.0	29.12	136.89	2,334.4	-466.4	387.8	606.2	0.76	0.75	0.14
2,524.0	29.29	135.45	2,391.1	-489.2	409.8	637.9	1.11	0.26	-2.22
2,589.0	29.73	135.78	2,447.7	-512.1	432.2	669.9	0.72	0.68	0.51
2,653.0	30.08	135.98	2,503.2	-535.0	454.4	701.8	0.57	0.55	0.31
2,718.0	29.87	136.85	2,559.5	-558.6	476.8	734.2	0.74	-0.32	1.34
2,782.0	27.86	136.18	2,615.5	-581.0	498.0	765.1	3.18	-3.14	-1.05
2,847.0	26.55	137.59	2,673.3	-602.7	518.3	794.8	2.25	-2.02	2.17
2,911.0	25.85	137.09	2,730.7	-623.4	537.5	823.0	1.15	-1.09	-0.78
2,976.0	25.45	138.52	2,789.3	-644.3	556.4	851.2	1.13	-0.62	2.20
3,041.0	25.09	139.52	2,848.1	-665.2	574.6	878.9	0.86	-0.55	1.54
3,105.0	22.66	140.66	2,906.6	-685.1	591.2	904.8	3.86	-3.80	1.78
3,169.0	20.77	138.77	2,966.1	-703.2	606.5	928.5	3.15	-2.95	-2.95
3,234.0	18.73	135.97	3,027.3	-719.3	621.4	950.4	3.46	-3.14	-4.31
3,299.0	17.49	137.03	3,089.1	-734.0	635.3	970.6	1.97	-1.91	1.63
3,363.0	15.11	133.21	3,150.5	-746.7	647.9	988.6	4.08	-3.72	-5.97
3,427.0	14.72	136.36	3,212.3	-758.3	659.6	1,005.0	1.41	-0.61	4.92
3,492.0	14.15	136.69	3,275.3	-770.1	670.7	1,021.2	0.89	-0.88	0.51
3,556.0	12.30	136.25	3,337.6	-780.7	680.8	1,035.8	2.89	-2.89	-0.69
3,621.0	10.53	131.95	3,401.3	-789.7	690.0	1,048.6	3.02	-2.72	-6.62
3,685.0	9.81	128.73	3,464.3	-797.0	698.6	1,059.8	1.43	-1.13	-5.03
3,749.0	8.39	125.51	3,527.5	-803.1	706.7	1,069.8	2.36	-2.22	-5.03
3,814.0	7.09	122.55	3,591.9	-808.0	713.9	1,078.2	2.09	-2.00	-4.55
3,878.0	5.68	123.93	3,655.5	-811.9	719.9	1,085.1	2.22	-2.20	2.16
3,962.0	3.39	128.62	3,739.2	-815.8	725.3	1,091.6	2.76	-2.73	5.58
Last SDI MWD Survey									



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-5 #9B
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6605 0ft (15' DF + 6590' GL)
Site:	SEC 32-T30N-R5W	MD Reference:	AWS 920 @ 6605 0ft (15' DF + 6590' GL)
Well:	SJ 30-5 #9B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Checked By: _____ Approved By: _____ Date: _____