

DISTRICT II
1301 W. 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, N.M. 87505

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30817		*Pool Code 71599 / 72319		*Pool Name BASIN DAKOTA/BLANCO MESA VERDE	
*Property Code 7469		*Property Name SAN JUAN 30-6 UNIT			*Well Number 104M
*OGRID No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			*Elevation 6894

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
A	28	30 N	07 W		594	NORTH	677	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
B	28	30 N	07 W		714	NORTH	1847	EAST	RIO ARRIBA

18 Dedicated Acres 320.00 (E/2)	19 Joint or Infill	20 Consolidation Code	21 Order No.	RCVD MAR 14 '11 OIL CONS. DIV.
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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

18 N 89°50' W	2640' (R)	S 89°48'39" W	2634.27'
2640' (R)		714'	594'
N 0°03' W		1847'	677'
		NAD 83 LAT: 36.7892597° N LONG: 107.5696497° W	2637.74'
		NAD 27 LAT: 36°47.35524' N LONG: 107°34.14250' W	N 0°21'25" W
	SECTION 28		
2636.20'		USA NM-02151	2636.88'
N 0°06'08" W			N 0°13'24" W
○ = SURFACE LOCATION ⊙ = BOTTOM HOLE LOCATION		S 89°53'42" W	2637.33'
		N 89°55'05" W	2646.32'

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.

3-11-11

Signature
Date

Dollie L. Busse
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.

01/07/09

Date of Survey

Signature and Seal of Professional Surveyor

17078

Certificate Number

Legal WellName : SAN JUAN 30-6 UNIT #104M

API / UWI: 3003930817

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP

Surf Loc: 028-030N-007W-A

St/Prov: NEW MEXICO

N/S Dist (ft): 594.00 - FNL

County: RIO ARRIBA

E/W Dist (ft): 677.00 - FEL

RCVD MAR 14 '11
OIL CONS. DIV.

NCT 0

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	11/30/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/30/2010	130.00	1.00	.00	Inc-WL	MOTE
11/30/2010	238.00	2.00	.00	Inc-WL	MOTE

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
MWD SURVEY	01/16/2011	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
01/16/2011	266.00	2.33	129.17	Inc-MWD	Scientific Drilling
01/16/2011	326.00	1.67	132.93	Inc-MWD	Scientific Drilling
01/16/2011	387.00	.49	190.36	Inc-MWD	Scientific Drilling
01/16/2011	449.00	1.26	275.31	Inc-MWD	Scientific Drilling
01/16/2011	480.00	2.13	284.18	Inc-MWD	Scientific Drilling
01/16/2011	511.00	2.74	283.16	Inc-MWD	Scientific Drilling
01/16/2011	542.00	3.60	280.19	Inc-MWD	Scientific Drilling
01/16/2011	572.00	4.16	277.91	Inc-MWD	Scientific Drilling
01/17/2011	603.00	4.88	275.24	Inc-MWD	Scientific Drilling
01/17/2011	634.00	5.56	278.74	Inc-MWD	Scientific Drilling
01/17/2011	665.00	6.30	279.46	Inc-MWD	Scientific Drilling
01/17/2011	696.00	7.15	278.11	Inc-MWD	Scientific Drilling
01/17/2011	727.00	7.98	277.91	Inc-MWD	Scientific Drilling
01/17/2011	758.00	8.63	276.60	Inc-MWD	Scientific Drilling
01/17/2011	788.00	9.46	274.29	Inc-MWD	Scientific Drilling
01/17/2011	819.00	9.82	269.70	Inc-MWD	Scientific Drilling
01/17/2011	852.00	10.56	266.46	Inc-MWD	Scientific Drilling
01/17/2011	884.00	11.36	265.87	Inc-MWD	Scientific Drilling
01/17/2011	916.00	12.22	264.80	Inc-MWD	Scientific Drilling
01/17/2011	947.00	13.14	263.79	Inc-MWD	Scientific Drilling
01/17/2011	978.00	13.96	262.65	Inc-MWD	Scientific Drilling
01/17/2011	1,010.00	14.70	261.51	Inc-MWD	Scientific Drilling
01/17/2011	1,042.00	15.30	261.06	Inc-MWD	Scientific Drilling
01/17/2011	1,073.00	16.25	260.20	Inc-MWD	Scientific Drilling
01/17/2011	1,104.00	17.08	261.19	Inc-MWD	Scientific Drilling
01/17/2011	1,136.00	17.76	261.43	Inc-MWD	Scientific Drilling
01/17/2011	1,167.00	18.30	261.43	Inc-MWD	Scientific Drilling

01/17/2011	1,199.00	18.88	262.59	Inc-MWD	Scientific Drilling
01/17/2011	1,231.00	19.52	262.83	Inc-MWD	Scientific Drilling
01/17/2011	1,262.00	20.25	262.84	Inc-MWD	Scientific Drilling
01/17/2011	1,293.00	21.17	263.82	Inc-MWD	Scientific Drilling
01/17/2011	1,325.00	21.66	264.25	Inc-MWD	Scientific Drilling
01/17/2011	1,357.00	22.44	265.64	Inc-MWD	Scientific Drilling
01/17/2011	1,388.00	22.61	265.14	Inc-MWD	Scientific Drilling
01/17/2011	1,452.00	22.82	264.79	Inc-MWD	Scientific Drilling
01/17/2011	1,515.00	23.45	265.43	Inc-MWD	Scientific Drilling
01/17/2011	1,578.00	23.34	264.62	Inc-MWD	Scientific Drilling
01/17/2011	1,641.00	23.24	264.95	Inc-MWD	Scientific Drilling
01/17/2011	1,704.00	22.69	264.10	Inc-MWD	Scientific Drilling
01/17/2011	1,767.00	22.15	263.84	Inc-MWD	Scientific Drilling
01/17/2011	1,830.00	22.36	263.83	Inc-MWD	Scientific Drilling
01/17/2011	1,893.00	22.51	262.99	Inc-MWD	Scientific Drilling
01/17/2011	1,956.00	22.20	262.76	Inc-MWD	Scientific Drilling
01/17/2011	2,019.00	22.85	263.37	Inc-MWD	Scientific Drilling
01/17/2011	2,082.00	22.51	264.81	Inc-MWD	Scientific Drilling
01/17/2011	2,145.00	22.80	265.66	Inc-MWD	Scientific Drilling
01/17/2011	2,208.00	23.13	267.52	Inc-MWD	Scientific Drilling
01/17/2011	2,271.00	23.60	267.62	Inc-MWD	Scientific Drilling
01/17/2011	2,334.00	23.22	268.19	Inc-MWD	Scientific Drilling
01/17/2011	2,398.00	22.91	266.61	Inc-MWD	Scientific Drilling
01/17/2011	2,461.00	23.91	263.71	Inc-MWD	Scientific Drilling
01/17/2011	2,523.00	24.23	259.58	Inc-MWD	Scientific Drilling
01/17/2011	2,587.00	23.47	258.85	Inc-MWD	Scientific Drilling
01/17/2011	2,649.00	22.74	258.53	Inc-MWD	Scientific Drilling
01/17/2011	2,712.00	23.39	261.10	Inc-MWD	Scientific Drilling
01/17/2011	2,775.00	24.79	261.49	Inc-MWD	Scientific Drilling
01/17/2011	2,838.00	24.55	262.12	Inc-MWD	Scientific Drilling
01/18/2011	2,901.00	24.47	262.29	Inc-MWD	Scientific Drilling
01/18/2011	2,964.00	25.33	263.07	Inc-MWD	Scientific Drilling
01/18/2011	3,027.00	25.84	263.45	Inc-MWD	Scientific Drilling
01/18/2011	3,090.00	25.13	264.20	Inc-MWD	Scientific Drilling
01/18/2011	3,154.00	24.07	264.64	Inc-MWD	Scientific Drilling
01/18/2011	3,217.00	24.39	264.78	Inc-MWD	Scientific Drilling
01/18/2011	3,280.00	23.84	263.83	Inc-MWD	Scientific Drilling
01/18/2011	3,343.00	24.08	262.51	Inc-MWD	Scientific Drilling
01/18/2011	3,406.00	24.05	263.12	Inc-MWD	Scientific Drilling
01/18/2011	3,469.00	20.85	265.18	Inc-MWD	Scientific Drilling
01/18/2011	3,530.00	19.75	265.61	Inc-MWD	Scientific Drilling
01/18/2011	3,595.00	18.97	267.35	Inc-MWD	Scientific Drilling
01/18/2011	3,658.00	16.95	268.42	Inc-MWD	Scientific Drilling
01/18/2011	3,721.00	15.26	268.69	Inc-MWD	Scientific Drilling
01/18/2011	3,785.00	13.48	265.87	Inc-MWD	Scientific Drilling
01/18/2011	3,848.00	11.66	264.17	Inc-MWD	Scientific Drilling
01/18/2011	3,911.00	9.72	262.94	Inc-MWD	Scientific Drilling
01/18/2011	3,974.00	8.13	263.59	Inc-MWD	Scientific Drilling

01/18/2011	4,037.00	6.34	265.05	Inc-MWD	Scientific Drilling
01/18/2011	4,100.00	5.08	267.51	Inc-MWD	Scientific Drilling
01/18/2011	4,163.00	4.48	273.63	Inc-MWD	Scientific Drilling
01/18/2011	4,213.00	4.05	285.09	Inc-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	01/27/2011	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
01/27/2011	8,430.00	1.50	.00	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.

x Tom Palumbo

Subscribed and sworn to me this MARCH 11, 2011

William J. Busse

Notary Public in and for San Juan County, New Mexico

My Commission expires AUGUST 6, 2014



RCVD MAR 14 '11
OIL CONS. DIV.
DIST. 3

ConocoPhillips

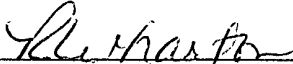
SJB (NM Central)
SEC 28-T30N-R7W
SJ 30-6 #104M
API# 30-039-30817
Original Hole

Survey: Actual

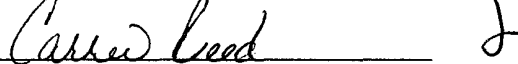
Standard Survey Report

09 February, 2011

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



Notarized this date 9th of February, 2011.



Notary Signature
County of Midland
State of Texas



Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
Site: SEC 28-T30N-R7W
Well: SJ 30-6 #104M
Wellbore: Original Hole
Design: Plan #1

Azimuths to True North
Magnetic North: 9.88°
Magnetic Field
Strength: 50841.05nT
Dip Angle: 63.59°
Date: 11/22/2010
Model: BGGM2010

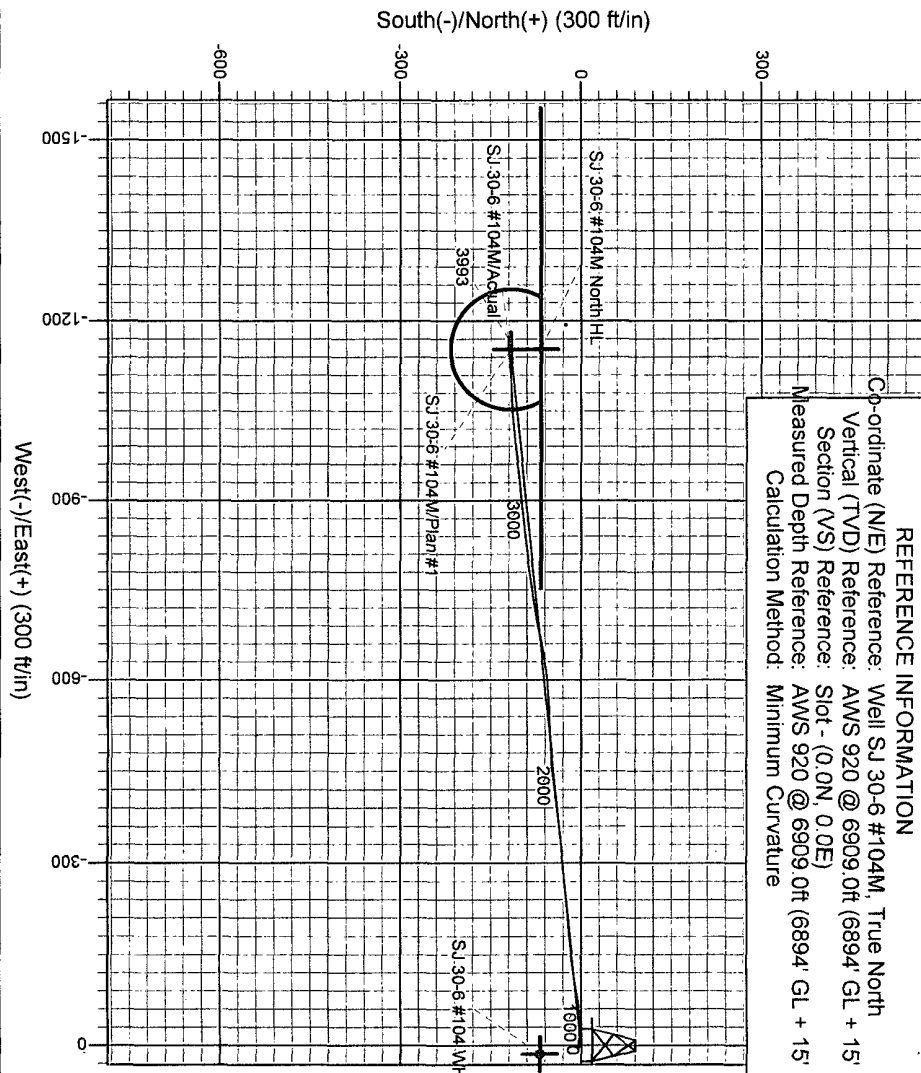
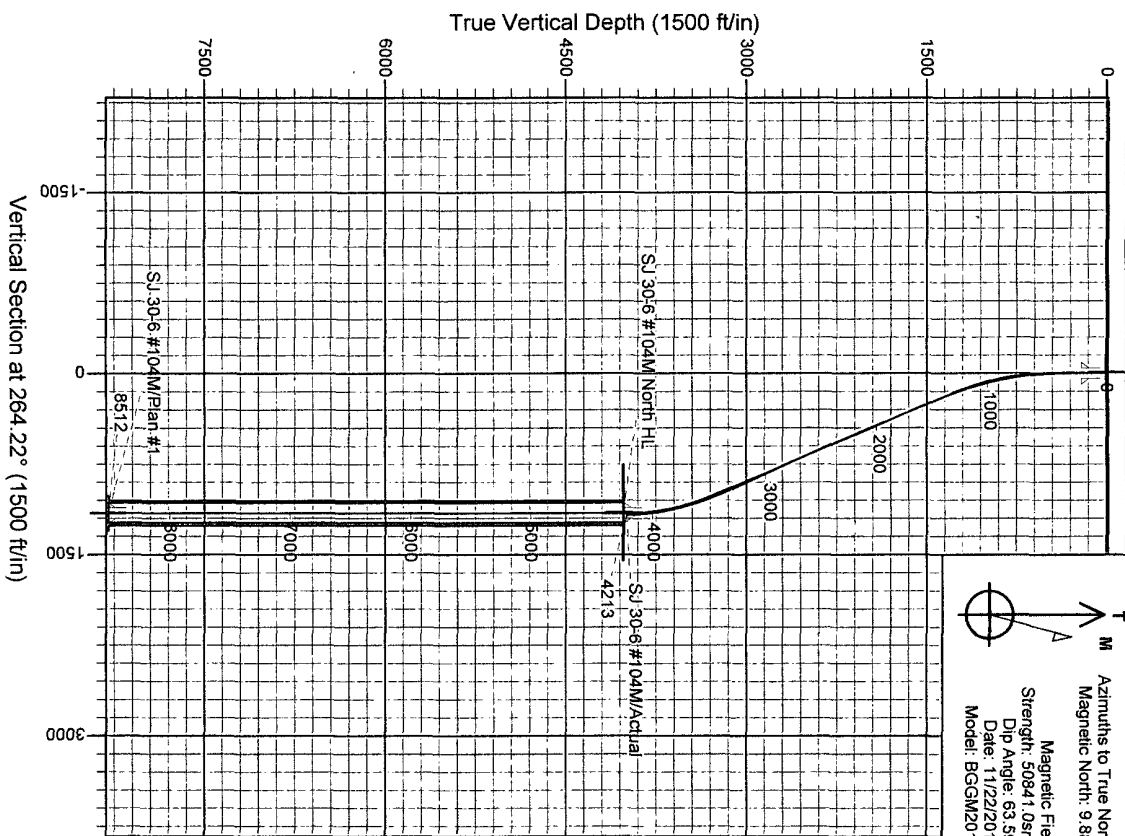
+N/-S
+E/-W
0.0
0.0
Northing
2109174.54

WELL DETAILS: SJ 30-6 #104M
AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Ground Level: 6894.0
Easting
113756.05
Latitude
36° 47' 21.314 N
Longitude
107° 34' 8.550 W

Slotted

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well SJ 30-6 #104M, True North
Vertical (TVD) Reference: AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Section (VS) Reference: Slotted - (0.0N, 0.0E)
Measured Depth Reference: AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Calculation Method: Minimum Curvature



West(-)/East(+) (300 ft/in)

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 28-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 42.851 N
Longitude: 107° 34' 7.456 W
Positional Uncertainty: 7.5
Convergence: -0.79
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #104M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Site:	SEC 28-T30N-R7W	MD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Well:	SJ 30-6 #104M	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 28-T30N-R7W				
Site Position:		Northing:	2,105,283.49 ft	Latitude:	36° 46' 42.851 N
From:	Lat/Long	Easting:	113,791.45 ft	Longitude:	107° 34' 7.456 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.79 °

Well	SJ 30-6 #104M, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,109,174.54 ft	Latitude:	36° 47' 21.314 N
	+E/-W	0.0 ft	Easting:	113,756.05 ft	Longitude:	107° 34' 8.550 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,894.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	11/22/2010	9.88	63.59	50.841

Design	Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	264.13	

Survey Program	Date	2/9/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
266.0	4,213.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1	

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
266.0	2.33	129.17	265.9	-3.4	4.2	-3.8	0.88	0.88	0.00
326.0	1.67	132.93	325.9	-4.8	5.8	-5.3	1.12	-1.10	6.27
387.0	0.49	190.36	386.9	-5.6	6.4	-5.8	2.40	-1.93	94.15
449.0	1.24	275.31	448.9	-5.8	5.7	-5.0	2.08	1.21	137.02
480.0	2.13	284.18	479.9	-5.7	4.8	-4.2	2.98	2.87	28.61
511.0	2.74	283.16	510.8	-5.4	3.5	-2.9	1.97	1.97	-3.29
542.0	3.60	280.19	541.8	-5.0	1.8	-1.3	2.82	2.77	-9.58
572.0	4.16	277.91	571.7	-4.7	-0.2	0.7	1.94	1.87	-7.60
603.0	4.88	275.24	602.6	-4.4	-2.6	3.1	2.42	2.32	-8.61
634.0	5.56	278.74	633.5	-4.1	-5.4	5.8	2.42	2.19	11.29
665.0	6.30	279.46	664.3	-3.6	-8.6	8.9	2.40	2.39	2.32
696.0	7.15	278.11	695.1	-3.0	-12.2	12.4	2.79	2.74	-4.35

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #104M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Site:	SEC 28-T30N-R7W	MD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Well:	SJ 30-6 #104M	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)
727.0	7.98	277.91	725.8	-2.5	-16.2	16.4	2.68	2.68	-0.65
758.0	8.63	276.60	756.5	-1.9	-20.6	20.7	2.18	2.10	-4.23
788.0	9.46	274.29	786.1	-1.4	-25.3	25.4	3.02	2.77	-7.70
819.0	9.82	269.70	816.7	-1.3	-30.5	30.5	2.74	1.16	-14.81
852.0	10.56	266.46	849.2	-1.5	-36.4	36.3	2.84	2.24	-9.82
884.0	11.36	265.87	880.6	-1.9	-42.4	42.4	2.52	2.50	-1.84
916.0	12.22	264.80	911.9	-2.4	-48.9	48.9	2.77	2.69	-3.34
947.0	13.14	263.79	942.2	-3.1	-55.7	55.7	3.05	2.97	-3.26
978.0	13.96	262.65	972.3	-3.9	-62.9	63.0	2.78	2.65	-3.68
1,010.0	14.70	261.51	1,003.3	-5.0	-70.8	70.9	2.47	2.31	-3.56
1,042.0	15.30	261.06	1,034.2	-6.3	-79.0	79.2	1.91	1.88	-1.41
1,073.0	16.25	260.20	1,064.1	-7.7	-87.3	87.6	3.16	3.06	-2.77
1,104.0	17.08	261.19	1,093.7	-9.1	-96.0	96.5	2.83	2.68	3.19
1,136.0	17.76	261.43	1,124.3	-10.6	-105.5	106.0	2.14	2.13	0.75
1,167.0	18.30	261.43	1,153.8	-12.0	-115.0	115.6	1.74	1.74	0.00
1,199.0	18.88	262.59	1,184.1	-13.4	-125.1	125.8	2.15	1.81	3.63
1,231.0	19.52	262.83	1,214.3	-14.7	-135.5	136.3	2.02	2.00	0.75
1,262.0	20.25	262.84	1,243.5	-16.1	-146.0	146.9	2.35	2.35	0.03
1,293.0	21.17	263.82	1,272.5	-17.3	-156.9	157.8	3.17	2.97	3.16
1,325.0	21.66	264.25	1,302.2	-18.5	-168.5	169.5	1.61	1.53	1.34
1,357.0	22.44	265.64	1,331.9	-19.6	-180.5	181.5	2.93	2.44	4.34
1,388.0	22.61	265.14	1,360.5	-20.5	-192.3	193.4	0.83	0.55	-1.61
1,452.0	22.82	264.79	1,419.6	-22.7	-216.9	218.1	0.39	0.33	-0.55
1,515.0	23.45	265.43	1,477.5	-24.8	-241.6	242.9	1.08	1.00	1.02
1,578.0	23.34	264.62	1,535.3	-27.0	-266.5	267.9	0.54	-0.17	-1.29
1,641.0	23.24	264.95	1,593.2	-29.3	-291.3	292.8	0.26	-0.16	0.52
1,704.0	22.69	264.10	1,651.2	-31.6	-315.8	317.4	1.02	-0.87	-1.35
1,767.0	22.15	263.84	1,709.4	-34.1	-339.7	341.4	0.87	-0.86	-0.41
1,830.0	22.36	263.83	1,767.8	-36.7	-363.4	365.3	0.33	0.33	-0.02
1,893.0	22.51	262.99	1,826.0	-39.4	-387.3	389.3	0.56	0.24	-1.33
1,956.0	22.20	262.76	1,884.2	-42.4	-411.1	413.3	0.51	-0.49	-0.37
2,019.0	22.85	263.37	1,942.4	-45.3	-435.0	437.4	1.10	1.03	0.97
2,082.0	22.51	264.81	2,000.6	-47.8	-459.2	461.7	1.03	-0.54	2.29
2,145.0	22.80	265.66	2,058.7	-49.8	-483.4	485.9	0.69	0.46	1.35
2,208.0	23.13	267.52	2,116.7	-51.3	-507.9	510.5	1.27	0.52	2.95
2,271.0	23.60	267.62	2,174.5	-52.4	-532.9	535.4	0.75	0.75	0.16
2,334.0	23.22	268.19	2,232.4	-53.3	-557.9	560.4	0.70	-0.60	0.90
2,398.0	22.91	266.61	2,291.2	-54.4	-582.9	585.4	1.08	-0.48	-2.47
2,461.0	23.91	263.72	2,349.1	-56.5	-607.9	610.5	2.42	1.59	-4.59
2,523.0	24.23	259.58	2,405.7	-60.2	-632.9	635.7	2.77	0.52	-6.68
2,587.0	23.47	258.85	2,464.2	-65.1	-658.3	661.5	1.27	-1.19	-1.14
2,649.0	22.74	258.53	2,521.2	-69.8	-682.1	685.7	1.19	-1.18	-0.52
2,712.0	23.39	261.10	2,579.2	-74.2	-706.4	710.3	1.90	1.03	4.08
2,775.0	24.79	261.49	2,636.7	-78.1	-731.8	736.0	2.24	2.22	0.62
2,838.0	24.55	262.12	2,694.0	-81.8	-757.9	762.3	0.57	-0.38	1.00
2,901.0	24.47	262.29	2,751.3	-85.4	-783.8	788.4	0.17	-0.13	0.27
2,964.0	25.33	263.07	2,808.4	-88.7	-810.1	814.9	1.46	1.37	1.24
3,027.0	25.84	263.45	2,865.3	-91.9	-837.1	842.1	0.85	0.81	0.60
3,090.0	25.13	264.20	2,922.1	-94.9	-864.0	869.2	1.24	-1.13	1.19
3,154.0	24.07	264.64	2,980.3	-97.4	-890.6	895.9	1.68	-1.66	0.69
3,217.0	24.39	264.78	3,037.8	-99.8	-916.3	921.7	0.52	0.51	0.22
3,280.0	23.84	263.83	3,095.3	-102.4	-941.9	947.4	1.07	-0.87	-1.51
3,343.0	24.08	262.51	3,152.8	-105.4	-967.3	973.0	0.93	0.38	-2.10
3,406.0	24.05	263.12	3,210.4	-108.6	-992.8	998.7	0.40	-0.05	0.97

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #104M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Site:	SEC 28-T30N-R7W	MD Reference:	AWS 920 @ 6909.0ft (6894' GL + 15' DF)
Well:	SJ 30-6 #104M	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)
3,469.0	20.85	265.18	3,268.6	-111.1	-1,016.7	1,022.8	5.23	-5.08	3.27
3,532.0	19.75	265.61	3,327.7	-112.9	-1,038.5	1,044.6	1.76	-1.75	0.68
3,595.0	18.97	267.35	3,387.1	-114.2	-1,059.4	1,065.5	1.54	-1.24	2.76
3,658.0	16.95	268.42	3,447.0	-114.9	-1,078.8	1,084.9	3.25	-3.21	1.70
3,721.0	15.26	268.69	3,507.6	-115.3	-1,096.2	1,102.3	2.69	-2.68	0.43
3,785.0	13.48	265.87	3,569.6	-116.1	-1,112.1	1,118.1	2.99	-2.78	-4.41
3,848.0	11.66	264.17	3,631.0	-117.2	-1,125.8	1,131.8	2.95	-2.89	-2.70
3,911.0	9.72	262.94	3,692.9	-118.5	-1,137.4	1,143.5	3.10	-3.08	-1.95
3,974.0	8.13	263.59	3,755.2	-119.7	-1,147.1	1,153.3	2.53	-2.52	1.03
4,037.0	6.34	265.05	3,817.7	-120.5	-1,155.0	1,161.2	2.86	-2.84	2.32
4,100.0	5.08	267.51	3,880.4	-120.9	-1,161.2	1,167.5	2.04	-2.00	3.90
4,163.0	4.48	273.63	3,943.1	-120.9	-1,166.5	1,172.7	1.25	-0.95	9.71
4,213.0	4.05	285.09	3,993.0	-120.3	-1,170.1	1,176.3	1.90	-0.86	22.92