

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

RCVD AUG 31 '11

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30956		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT		*Well Number DIST. 102M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6457'

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	22	30N	6W		630	NORTH	1170	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	22	30N	6W		732'	NORTH	2367'	EAST	RIO ARriba

¹² Dedicated Acres	320.0 Acres - E/2 (MV)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
	320.0 Acres - E/2 (DK)			

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 5265.60' (MEASURED) 5269.44' (RECORD)		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> Signature Date Marie E. Jaramillo 8/30/11 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 Survey Date: NOVEMBER 8, 2009 Signature and Seal of Professional Surveyor JASON C. EDWARDS Certificate Number 15269	
5283.09' (MEASURED) 5280.00' (RECORD)	LOT 2	LOT 1	LEASE-USA SF-080713-A	TRACT 43



COP Deviation Report

SAN JUAN 30-6 UNIT #102M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #102M	API / UWI 3003930956	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 022-030N-006W-A	N/S Dist (ft) 630.00	N/S Ref FNL	E/W Dist (ft) 1,170.00	E/W Ref FEL

Survey Date	MD (ftKB)	Incl (°)	Method	Survey Company
6/22/2011	129.00	0.75	Inc-Drop	MO-TE DRILLING INC.
6/22/2011	239.00	1.00	Inc-Drop	MO-TE DRILLING INC.
7/7/2011	263.00	1.15	IncAzi-MWD	Scientific Drilling
7/7/2011	294.00	1.36	IncAzi-MWD	Scientific Drilling
7/7/2011	324.00	1.55	IncAzi-MWD	Scientific Drilling
7/7/2011	355.00	1.87	IncAzi-MWD	Scientific Drilling
7/7/2011	385.00	2.31	IncAzi-MWD	Scientific Drilling
7/7/2011	415.00	2.73	IncAzi-MWD	Scientific Drilling
7/7/2011	446.00	3.07	IncAzi-MWD	Scientific Drilling
7/7/2011	477.00	3.09	IncAzi-MWD	Scientific Drilling
7/7/2011	507.00	3.65	IncAzi-MWD	Scientific Drilling
7/7/2011	537.00	3.98	IncAzi-MWD	Scientific Drilling
7/7/2011	568.00	4.62	IncAzi-MWD	Scientific Drilling
7/7/2011	598.00	5.08	IncAzi-MWD	Scientific Drilling
7/7/2011	629.00	5.65	IncAzi-MWD	Scientific Drilling
7/7/2011	660.00	6.37	IncAzi-MWD	Scientific Drilling
7/7/2011	690.00	6.95	IncAzi-MWD	Scientific Drilling
7/7/2011	721.00	7.27	IncAzi-MWD	Scientific Drilling
7/7/2011	751.00	7.82	IncAzi-MWD	Scientific Drilling
7/7/2011	782.00	8.48	IncAzi-MWD	Scientific Drilling
7/7/2011	812.00	9.09	IncAzi-MWD	Scientific Drilling
7/7/2011	843.00	9.76	IncAzi-MWD	Scientific Drilling
7/7/2011	877.00	10.36	IncAzi-MWD	Scientific Drilling
7/7/2011	909.00	11.05	IncAzi-MWD	Scientific Drilling
7/7/2011	941.00	11.66	IncAzi-MWD	Scientific Drilling
7/7/2011	974.00	12.50	IncAzi-MWD	Scientific Drilling
7/7/2011	1,006.00	13.36	IncAzi-MWD	Scientific Drilling
7/7/2011	1,038.00	14.09	IncAzi-MWD	Scientific Drilling
7/7/2011	1,070.00	14.71	IncAzi-MWD	Scientific Drilling
7/7/2011	1,103.00	15.58	IncAzi-MWD	Scientific Drilling
7/7/2011	1,135.00	15.94	IncAzi-MWD	Scientific Drilling
7/7/2011	1,167.00	16.32	IncAzi-MWD	Scientific Drilling
7/7/2011	1,199.00	17.23	IncAzi-MWD	Scientific Drilling
7/7/2011	1,232.00	17.75	IncAzi-MWD	Scientific Drilling
7/7/2011	1,264.00	18.39	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 30-6 UNIT #102M

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
7/7/2011	1,296.00	18.69	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,329.00	18.80	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,361.00	19.45	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,393.00	20.02	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,426.00	20.74	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,458.00	21.16	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,490.00	21.59	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,523.00	22.02	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,555.00	22.58	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,587.00	22.91	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,619.00	23.70	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,652.00	24.43	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,684.00	24.84	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,716.00	25.11	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,748.00	25.97	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,781.00	26.61	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,813.00	26.39	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,877.00	27.09	IncAzi-MWD	Scientific Drilling	
7/7/2011	1,942.00	27.16	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,007.00	27.15	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,071.00	27.12	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,136.00	26.54	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,200.00	26.76	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,265.00	27.01	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,329.00	27.01	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,394.00	26.36	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,458.00	26.78	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,523.00	26.41	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,587.00	27.57	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,652.00	27.28	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,717.00	27.64	IncAzi-MWD	Scientific Drilling	
7/7/2011	2,781.00	27.64	IncAzi-MWD	Scientific Drilling	
7/8/2011	2,845.00	26.97	IncAzi-MWD	Scientific Drilling	
7/8/2011	2,910.00	26.54	IncAzi-MWD	Scientific Drilling	
7/8/2011	2,974.00	26.52	IncAzi-MWD	Scientific Drilling	
7/8/2011	3,038.00	26.33	IncAzi-MWD	Scientific Drilling	
7/8/2011	3,103.00	25.36	IncAzi-MWD	Scientific Drilling	
7/8/2011	3,167.00	24.51	IncAzi-MWD	Scientific Drilling	
7/8/2011	3,231.00	23.17	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
7/8/2011	3,296.00	21.41	IncAzi-MWD	Scientific Drilling
7/8/2011	3,360.00	19.67	IncAzi-MWD	Scientific Drilling
7/8/2011	3,424.00	17.18	IncAzi-MWD	Scientific Drilling
7/8/2011	3,488.00	15.58	IncAzi-MWD	Scientific Drilling
7/8/2011	3,553.00	14.93	IncAzi-MWD	Scientific Drilling
7/8/2011	3,617.00	14.39	IncAzi-MWD	Scientific Drilling
7/8/2011	3,682.00	14.34	IncAzi-MWD	Scientific Drilling
7/8/2011	3,746.00	13.15	IncAzi-MWD	Scientific Drilling
7/8/2011	3,810.00	10.99	IncAzi-MWD	Scientific Drilling
7/8/2011	3,875.00	9.61	IncAzi-MWD	Scientific Drilling
7/8/2011	3,940.00	8.18	IncAzi-MWD	Scientific Drilling
7/8/2011	4,004.00	5.72	IncAzi-MWD	Scientific Drilling
7/8/2011	4,069.00	4.83	IncAzi-MWD	Scientific Drilling
7/8/2011	4,133.00	3.06	IncAzi-MWD	Scientific Drilling
7/8/2011	4,197.00	2.84	IncAzi-MWD	Scientific Drilling
7/8/2011	4,211.00	2.66	IncAzi-MWD	Scientific Drilling
7/19/2011	8,090.00	2.50	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.



Subscribed and sworn to me this 8/30/11

M. J. Juarez

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 22-T30N-R6W
SJ 30-6 #102M
API# 30-039-30956
Original Hole**

Design: Original Hole

Standard Survey Report

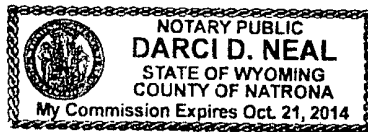
18 July, 2011

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

Notarized this date 18th of July, 2011.

Darci D. Neal

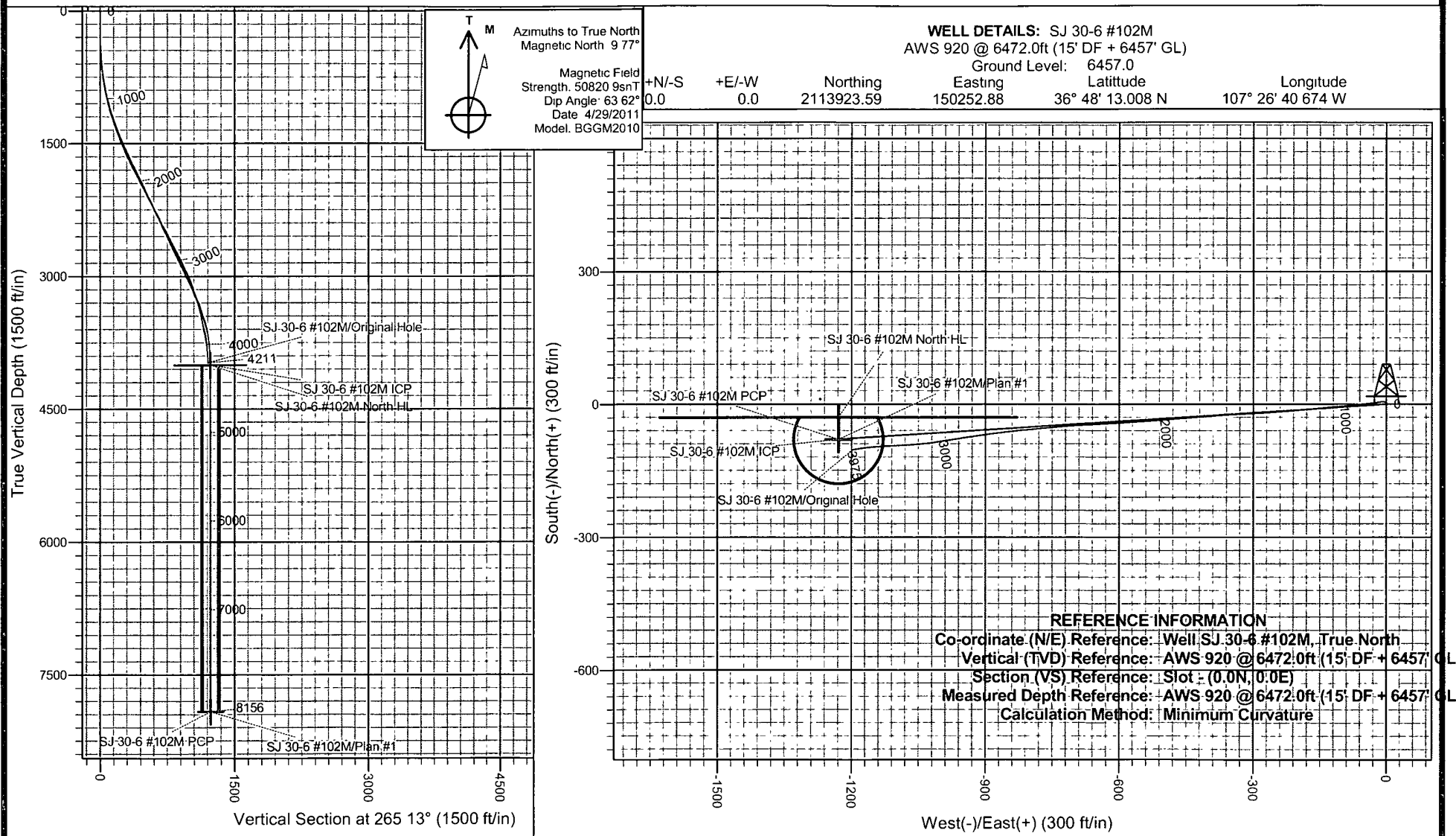
Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips



Project: SJB (NM Central)
 Site: SEC 22-T30N-R6W
 Well: SJ 30-6 #102M
 Wellbore: Original Hole
 Design: Original Hole



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #102M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6472.0ft (15' DF + 6457' GL)
Site:	SEC 22-T30N-R6W	MD Reference:	AWS 920 @ 6472.0ft (15' DF + 6457' GL)
Well:	SJ 30-6 #102M	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 22-T30N-R6W		
Site Position:		Northing:	2,113,923.59 ft
From:	Lat/Long	Easting:	150,252.88 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 48' 13.008 N
		Longitude:	107° 26' 40.674 W
		Grid Convergence:	-0.72 °

Well:	SJ 30-6 #102M, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,113,923.59 ft
	+E/-W	0.0 ft	Easting: 150,252.88 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 48' 13.008 N
		Longitude:	107° 26' 40.674 W
		Ground Level:	6,457.0 ft

Wellbore:	Original Hole		
Magnetics	Model Name	Sample Date	Declination (°)
	BGGM2010	4/29/2011	9.77
			Dip Angle (°)
			63.62
			Field Strength (nT)
			50,821

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)
	0.0	0.0	0.0
			Direction (°)
			265.13

Survey Program	Date	7/18/2011		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
263.0	4,211.0	Survey #1 (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
263.0	1.15	346.16	263.0	2.6	-0.6	0.4	0.44	0.44	0.00	
First SDI MWD Survey										
294.0	1.36	338.65	294.0	3.2	-0.8	0.6	0.86	0.68	-24.23	
324.0	1.55	319.23	324.0	3.8	-1.2	0.9	1.75	0.63	-64.73	
355.0	1.87	306.58	355.0	4.5	-1.9	1.5	1.59	1.03	-40.81	
385.0	2.31	291.08	384.9	5.0	-2.9	2.4	2.38	1.47	-51.67	
415.0	2.73	285.70	414.9	5.4	-4.1	3.7	1.61	1.40	-17.93	
446.0	3.07	280.59	445.9	5.7	-5.7	5.1	1.38	1.10	-16.48	
477.0	3.09	274.38	476.8	6.0	-7.3	6.8	1.08	0.06	-20.03	
507.0	3.65	265.85	506.8	5.9	-9.1	8.5	2.50	1.87	-28.43	
537.0	3.98	258.75	536.7	5.7	-11.0	10.5	1.92	1.10	-23.67	
568.0	4.62	258.99	567.6	5.2	-13.3	12.8	2.07	2.06	0.77	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #102M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6472.0ft (15' DF + 6457' GL)
Site:	SEC 22-T30N-R6W	MD Reference:	AWS 920 @ 6472.0ft (15' DF + 6457' GL)
Well:	SJ 30-6 #102M	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)
598.0	5.08	262.09	597.5	4.8	-15.8	15.3	1.76	1.53	10.33
629.0	5.65	262.73	628.4	4.4	-18.7	18.2	1.85	1.84	2.06
660.0	6.37	262.39	659.2	4.0	-21.9	21.5	2.33	2.32	-1.10
690.0	6.95	263.21	689.0	3.6	-25.4	25.0	1.96	1.93	2.73
721.0	7.27	263.62	719.8	3.1	-29.2	28.8	1.05	1.03	1.32
751.0	7.82	263.56	749.5	2.7	-33.1	32.7	1.83	1.83	-0.20
782.0	8.48	263.25	780.2	2.2	-37.4	37.1	2.13	2.13	-1.00
812.0	9.09	263.43	809.8	1.7	-42.0	41.7	2.04	2.03	0.60
843.0	9.76	265.15	840.4	1.2	-47.1	46.8	2.34	2.16	5.55
877.0	10.36	264.85	873.9	0.6	-53.0	52.7	1.77	1.76	-0.88
909.0	11.09	263.76	905.3	0.0	-58.9	58.7	2.37	2.28	-3.41
941.0	11.66	263.65	936.7	-0.6	-65.2	65.0	1.78	1.78	-0.34
974.0	12.50	265.82	969.0	-1.3	-72.0	71.9	2.89	2.55	6.58
1,006.0	13.36	266.18	1,000.2	-1.8	-79.2	79.0	2.70	2.69	1.13
1,038.0	14.09	265.00	1,031.2	-2.4	-86.8	86.6	2.44	2.28	-3.69
1,070.0	14.71	264.76	1,062.2	-3.1	-94.7	94.6	1.95	1.94	-0.75
1,103.0	15.58	265.29	1,094.1	-3.8	-103.3	103.2	2.67	2.64	1.61
1,135.0	15.94	263.78	1,124.9	-4.6	-111.9	111.9	1.71	1.13	-4.72
1,167.0	16.32	263.07	1,155.6	-5.7	-120.8	120.8	1.34	1.19	-2.22
1,199.0	17.23	264.30	1,186.3	-6.7	-129.9	130.0	3.05	2.84	3.84
1,232.0	17.75	264.57	1,217.7	-7.6	-139.8	139.9	1.59	1.58	0.82
1,264.0	18.39	264.67	1,248.2	-8.6	-149.7	149.9	2.00	2.00	0.31
1,296.0	18.69	264.60	1,278.5	-9.5	-159.8	160.0	0.94	0.94	-0.22
1,329.0	18.80	264.26	1,309.8	-10.6	-170.4	170.6	0.47	0.33	-1.03
1,361.0	19.45	265.12	1,340.0	-11.5	-180.8	181.1	2.21	2.03	2.69
1,393.0	20.02	264.60	1,370.1	-12.5	-191.6	191.9	1.86	1.78	-1.63
1,426.0	20.74	265.84	1,401.0	-13.4	-203.0	203.4	2.54	2.18	3.76
1,458.0	21.16	264.88	1,430.9	-14.4	-214.4	214.9	1.70	1.31	-3.00
1,490.0	21.59	264.23	1,460.7	-15.5	-226.0	226.5	1.53	1.34	-2.03
1,523.0	22.02	265.41	1,491.4	-16.6	-238.2	238.8	1.86	1.30	3.58
1,555.0	22.58	265.21	1,521.0	-17.6	-250.3	250.9	1.77	1.75	-0.63
1,587.0	22.91	267.53	1,550.5	-18.4	-262.7	263.3	2.99	1.03	7.25
1,619.0	23.70	267.23	1,579.9	-18.9	-275.3	275.9	2.50	2.47	-0.94
1,652.0	24.43	267.15	1,610.0	-19.6	-288.8	289.4	2.21	2.21	-0.24
1,684.0	24.84	266.73	1,639.1	-20.3	-302.1	302.7	1.39	1.28	-1.31
1,716.0	25.11	266.62	1,668.1	-21.1	-315.6	316.2	0.86	0.84	-0.34
1,748.0	25.97	266.34	1,697.0	-21.9	-329.4	330.0	2.71	2.69	-0.88
1,781.0	26.61	267.02	1,726.6	-22.8	-343.9	344.6	2.14	1.94	2.06
1,813.0	26.39	265.71	1,755.2	-23.7	-358.2	358.9	1.95	-0.69	-4.09
1,877.0	27.09	266.15	1,812.4	-25.7	-386.9	387.7	1.14	1.09	0.69
1,942.0	27.16	265.48	1,870.2	-27.9	-416.5	417.3	0.48	0.11	-1.03
2,007.0	27.15	265.00	1,928.0	-30.4	-446.0	447.0	0.34	-0.02	-0.74
2,071.0	27.12	265.90	1,985.0	-32.7	-475.1	476.2	0.64	-0.05	1.41
2,136.0	26.54	265.66	2,043.0	-34.8	-504.4	505.5	0.91	-0.89	-0.37
2,200.0	26.76	265.38	2,100.2	-37.1	-533.0	534.2	0.40	0.34	-0.44
2,265.0	27.01	265.14	2,158.2	-39.5	-562.3	563.6	0.42	0.38	-0.37
2,329.0	27.01	266.82	2,215.2	-41.5	-591.3	592.7	1.19	0.00	2.63
2,394.0	26.36	266.79	2,273.3	-43.2	-620.4	621.9	1.00	-1.00	-0.05
2,458.0	26.78	267.04	2,330.5	-44.7	-649.0	650.5	0.68	0.66	0.39
2,523.0	26.41	266.94	2,388.6	-46.2	-678.1	679.6	0.57	-0.57	-0.15
2,587.0	27.57	265.99	2,445.7	-48.0	-707.1	708.6	1.93	1.81	-1.48
2,652.0	27.28	265.05	2,503.4	-50.4	-736.9	738.5	0.80	-0.45	-1.45
2,717.0	27.64	264.94	2,561.0	-53.0	-766.8	768.5	0.56	0.55	-0.17
2,781.0	27.64	264.68	2,617.7	-55.7	-796.3	798.2	0.19	0.00	-0.41

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #102M
Project:	SJB (NM Central)	TVD Reference:	AWS 920 @ 6472.0ft (15' DF + 6457' GL)
Site:	SEC 22-T30N-R6W	MD Reference:	AWS 920 @ 6472 0ft (15' DF + 6457' GL)
Well:	SJ 30-6 #102M	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)	
2,845.0	26.97	263.88	2,674.6	-58.6	-825.6	827.6	1.19	-1.05	-1.25	
2,910.0	26.54	262.52	2,732.6	-62.1	-854.6	856.8	1.15	-0.66	-2.09	
2,974.0	26.52	262.64	2,789.9	-65.7	-883.0	885.4	0.09	-0.03	0.19	
3,038.0	26.33	261.77	2,847.2	-69.6	-911.2	913.8	0.67	-0.30	-1.36	
3,103.0	25.36	260.96	2,905.7	-73.9	-939.2	942.1	1.59	-1.49	-1.25	
3,167.0	24.51	261.89	2,963.7	-77.9	-965.9	969.0	1.46	-1.33	1.45	
3,231.0	23.17	260.63	3,022.3	-81.8	-991.4	994.8	2.24	-2.09	-1.97	
3,296.0	21.41	260.90	3,082.4	-85.8	-1,015.8	1,019.4	2.71	-2.71	0.42	
3,360.0	19.67	263.90	3,142.4	-88.8	-1,038.0	1,041.8	3.18	-2.72	4.69	
3,424.0	17.18	266.05	3,203.1	-90.6	-1,058.2	1,062.0	4.03	-3.89	3.36	
3,488.0	15.58	267.26	3,264.5	-91.6	-1,076.2	1,080.1	2.56	-2.50	1.89	
3,553.0	14.93	266.82	3,327.2	-92.5	-1,093.3	1,097.2	1.02	-1.00	-0.68	
3,617.0	14.39	268.13	3,389.1	-93.2	-1,109.4	1,113.3	0.99	-0.84	2.05	
3,682.0	14.34	266.96	3,452.1	-93.9	-1,125.5	1,129.5	0.45	-0.08	-1.80	
3,746.0	13.15	266.50	3,514.2	-94.8	-1,140.7	1,144.7	1.87	-1.86	-0.72	
3,810.0	10.99	263.93	3,576.8	-95.9	-1,154.1	1,158.0	3.48	-3.38	-4.02	
3,875.0	9.61	261.29	3,640.8	-97.3	-1,165.6	1,169.6	2.24	-2.12	-4.06	
3,940.0	8.18	262.66	3,705.0	-98.8	-1,175.5	1,179.7	2.22	-2.20	2.11	
4,004.0	5.72	261.01	3,768.5	-99.8	-1,183.2	1,187.4	3.86	-3.84	-2.58	
4,069.0	4.83	262.37	3,833.2	-100.7	-1,189.1	1,193.4	1.38	-1.37	2.09	
4,133.0	3.06	261.79	3,897.1	-101.3	-1,193.5	1,197.8	2.77	-2.77	-0.91	
4,197.0	2.84	259.30	3,961.0	-101.8	-1,196.7	1,201.1	0.40	-0.34	-3.89	
4,211.0	2.66	259.07	3,975.0	-102.0	-1,197.4	1,201.7	1.29	-1.29	-1.64	
Last SDI MWD Survey										

Checked By: _____	Approved By: _____	Date: _____
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