

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35088	*Pool Code 72319/71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 6831	*Property Name BLANCO COM A	*Well Number 6 B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6064'

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	36	30N	8W		1889'	SOUTH	1357'	EAST	SAN JUAN

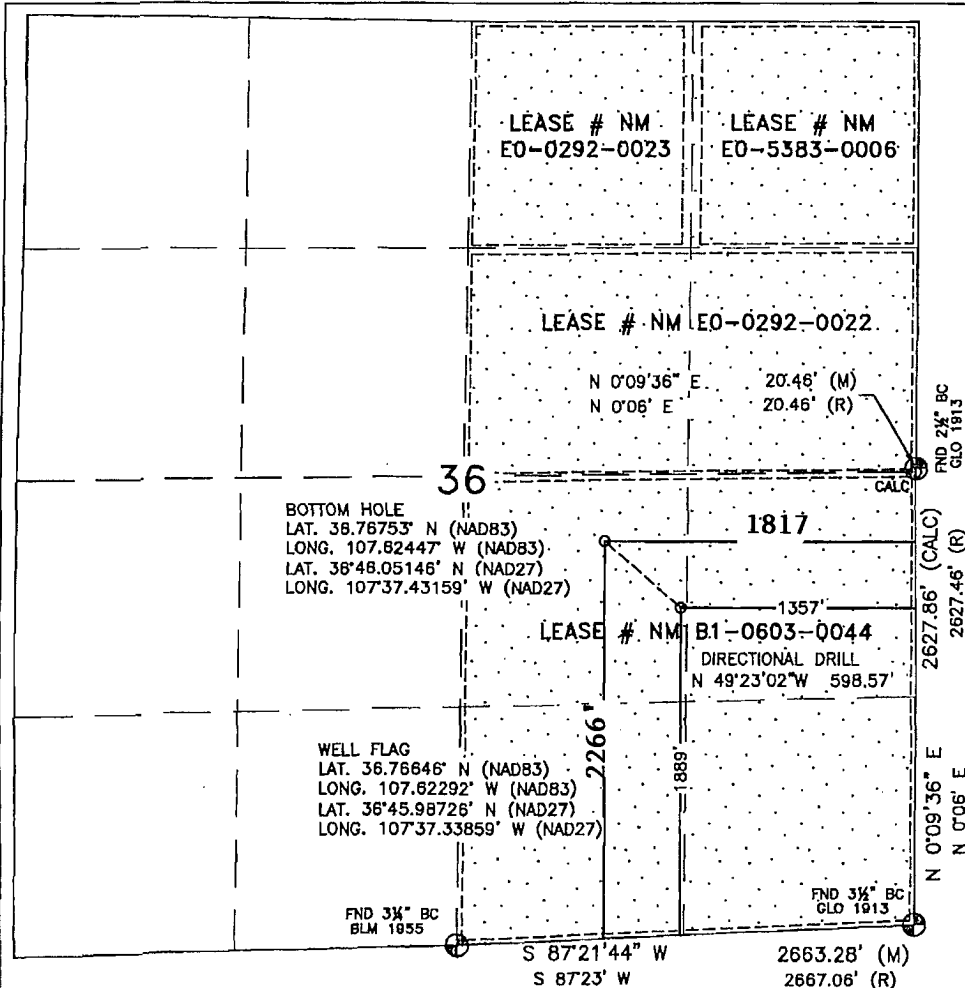
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	36	30N	8W		2266	SOUTH	1817	EAST	SAN JUAN

*Dedicated Acres 320.00 ACRES - E/2	*Joint or Infill	*Consolidation Code	*Order No. RCVD MAR 29 '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**

16



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 or a compulsory pooling order heretofore entered by the division.

Patsy Clugston 3/24/11
Signature Date

Patsy Clugston

Printed Name

¹⁸ SURVEYOR CERTIFICATION

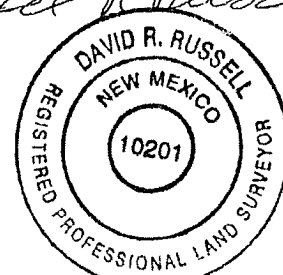
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JULY 15, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number 10201

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName BLANCO COM A #6B	API / UWI 3004535088	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 036-030N-008W-J	N/S Dist (ft) 1,889.00	N/S Ref FSL	E/W Dist (ft) 1,357.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
2/12/2011	0.00	0.00	Inc-MWD	Scientific Drilling
1/10/2011	129.00	1.00	Inc-Drop	MO-TE DRILLING INC
1/10/2011	238.00	1.00	Inc-Drop	MO-TE DRILLING INC
2/12/2011	294.00	0.72	Inc-MWD	Scientific Drilling
2/12/2011	325.00	0.71	Inc-MWD	Scientific Drilling
2/12/2011	356.00	0.94	Inc-MWD	Scientific Drilling
2/12/2011	387.00	1.56	Inc-MWD	Scientific Drilling
2/12/2011	417.00	2.30	Inc-MWD	Scientific Drilling
2/12/2011	448.00	2.78	Inc-MWD	Scientific Drilling
2/12/2011	479.00	3.26	Inc-MWD	Scientific Drilling
2/12/2011	510.00	3.69	Inc-MWD	Scientific Drilling
2/12/2011	541.00	4.91	Inc-MWD	Scientific Drilling
2/12/2011	572.00	5.34	Inc-MWD	Scientific Drilling
2/12/2011	602.00	6.04	Inc-MWD	Scientific Drilling
2/12/2011	633.00	6.61	Inc-MWD	Scientific Drilling
2/12/2011	664.00	7.13	Inc-MWD	Scientific Drilling
2/12/2011	695.00	7.96	Inc-MWD	Scientific Drilling
2/12/2011	726.00	8.76	Inc-MWD	Scientific Drilling
2/12/2011	757.00	9.72	Inc-MWD	Scientific Drilling
2/12/2011	787.00	10.20	Inc-MWD	Scientific Drilling
2/12/2011	818.00	10.70	Inc-MWD	Scientific Drilling
2/12/2011	883.00	12.26	Inc-MWD	Scientific Drilling
2/12/2011	946.00	13.33	Inc-MWD	Scientific Drilling
2/12/2011	1,009.00	15.13	Inc-MWD	Scientific Drilling
2/12/2011	1,073.00	16.17	Inc-MWD	Scientific Drilling
2/12/2011	1,136.00	16.50	Inc-MWD	Scientific Drilling
2/12/2011	1,199.00	16.83	Inc-MWD	Scientific Drilling
2/12/2011	1,262.00	16.95	Inc-MWD	Scientific Drilling
2/12/2011	1,325.00	17.35	Inc-MWD	Scientific Drilling
2/12/2011	1,388.00	17.93	Inc-MWD	Scientific Drilling
2/12/2011	1,451.00	17.34	Inc-MWD	Scientific Drilling
2/12/2011	1,514.00	16.63	Inc-MWD	Scientific Drilling
2/12/2011	1,577.00	16.32	Inc-MWD	Scientific Drilling
2/12/2011	1,640.00	15.97	Inc-MWD	Scientific Drilling
2/12/2011	1,703.00	16.63	Inc-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.

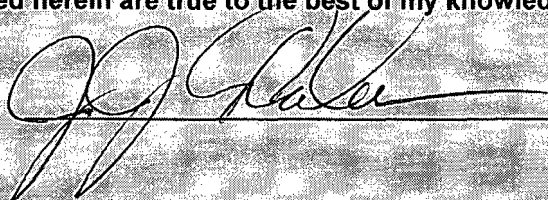
Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
2/12/2011	1,766.00	16.92	Inc-MWD	Scientific Drilling	
2/12/2011	1,829.00	16.33	Inc-MWD	Scientific Drilling	
2/12/2011	1,892.00	16.00	Inc-MWD	Scientific Drilling	
2/12/2011	1,955.00	16.23	Inc-MWD	Scientific Drilling	
2/12/2011	2,018.00	16.10	Inc-MWD	Scientific Drilling	
2/12/2011	2,081.00	16.31	Inc-MWD	Scientific Drilling	
2/12/2011	2,145.00	15.59	Inc-MWD	Scientific Drilling	
2/12/2011	2,208.00	14.92	Inc-MWD	Scientific Drilling	
2/12/2011	2,271.00	15.01	Inc-MWD	Scientific Drilling	
2/12/2011	2,334.00	15.32	Inc-MWD	Scientific Drilling	
2/13/2011	2,397.00	14.94	Inc-MWD	Scientific Drilling	
2/13/2011	2,460.00	14.55	Inc-MWD	Scientific Drilling	
2/13/2011	2,523.00	14.14	Inc-MWD	Scientific Drilling	
2/13/2011	2,587.00	13.18	Inc-MWD	Scientific Drilling	
2/13/2011	2,650.00	12.79	Inc-MWD	Scientific Drilling	
2/13/2011	2,713.00	10.30	Inc-MWD	Scientific Drilling	
2/13/2011	2,776.00	8.61	Inc-MWD	Scientific Drilling	
2/13/2011	2,807.00	8.68	Inc-MWD	Scientific Drilling	
2/13/2011	2,839.00	7.91	Inc-MWD	Scientific Drilling	
2/13/2011	2,870.00	6.86	Inc-MWD	Scientific Drilling	
2/13/2011	2,903.00	5.65	Inc-MWD	Scientific Drilling	
2/13/2011	2,933.00	4.91	Inc-MWD	Scientific Drilling	
2/13/2011	2,965.00	4.60	Inc-MWD	Scientific Drilling	
2/13/2011	2,996.00	4.03	Inc-MWD	Scientific Drilling	
2/13/2011	3,027.00	3.90	Inc-MWD	Scientific Drilling	
2/13/2011	3,090.00	3.45	Inc-MWD	Scientific Drilling	
2/13/2011	3,154.00	3.58	Inc-MWD	Scientific Drilling	
2/13/2011	3,178.00	3.28	Inc-MWD	Scientific Drilling	
3/26/2011	7,417.00	1.50	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 3/08/11



Notary Public in and for San Juan County, New Mexico

My Commission expires 2/8/12



RCVD MAR 29 '11
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM West)
SEC 36-T30N-R8W
Blanco Com A #6B
API# 30-045-35088
Original Hole

API - 30-045-35088

Survey: Actual

Standard Survey Report

21 February, 2011

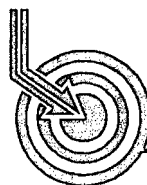
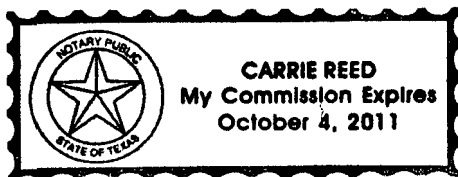
This survey is correct to the best of my knowledge and is supported by actual field data.

Robert

Notarized this date 21st of February, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling
Directional Drilling Operations

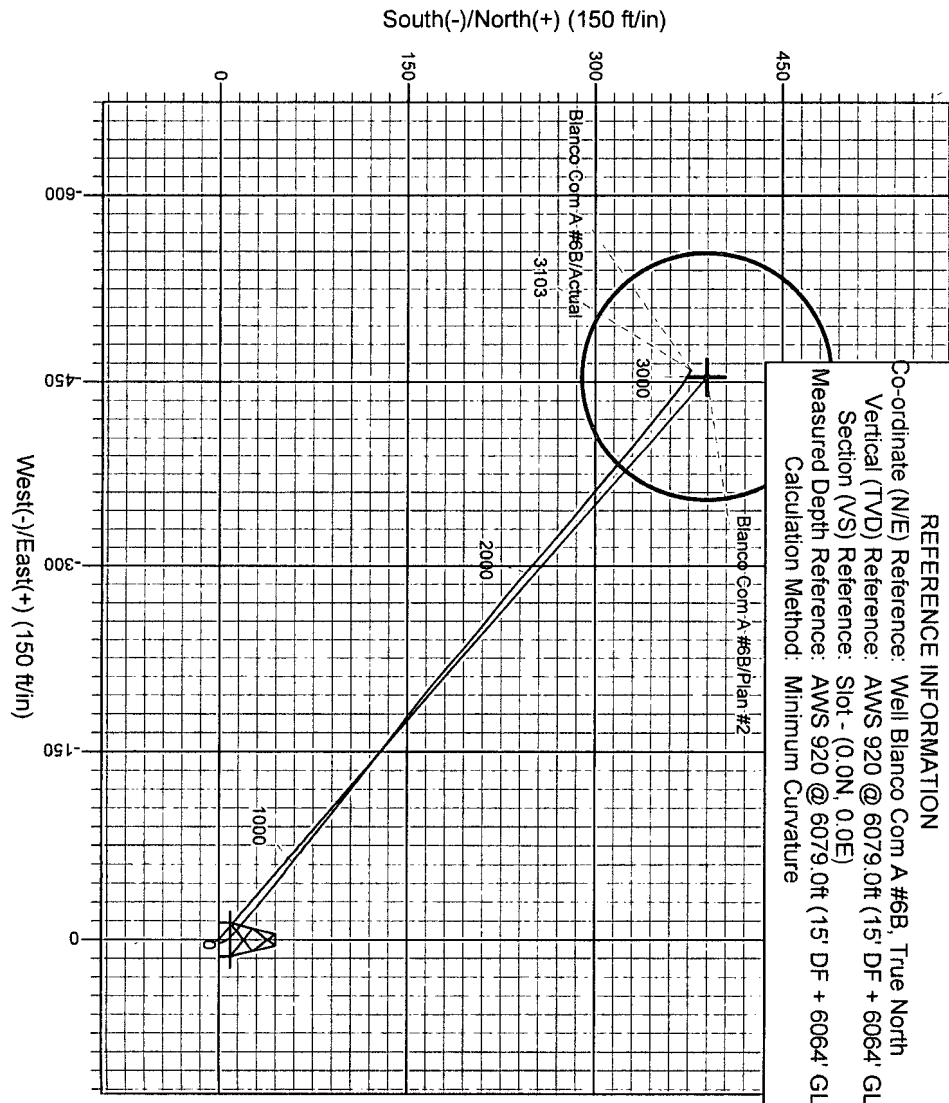
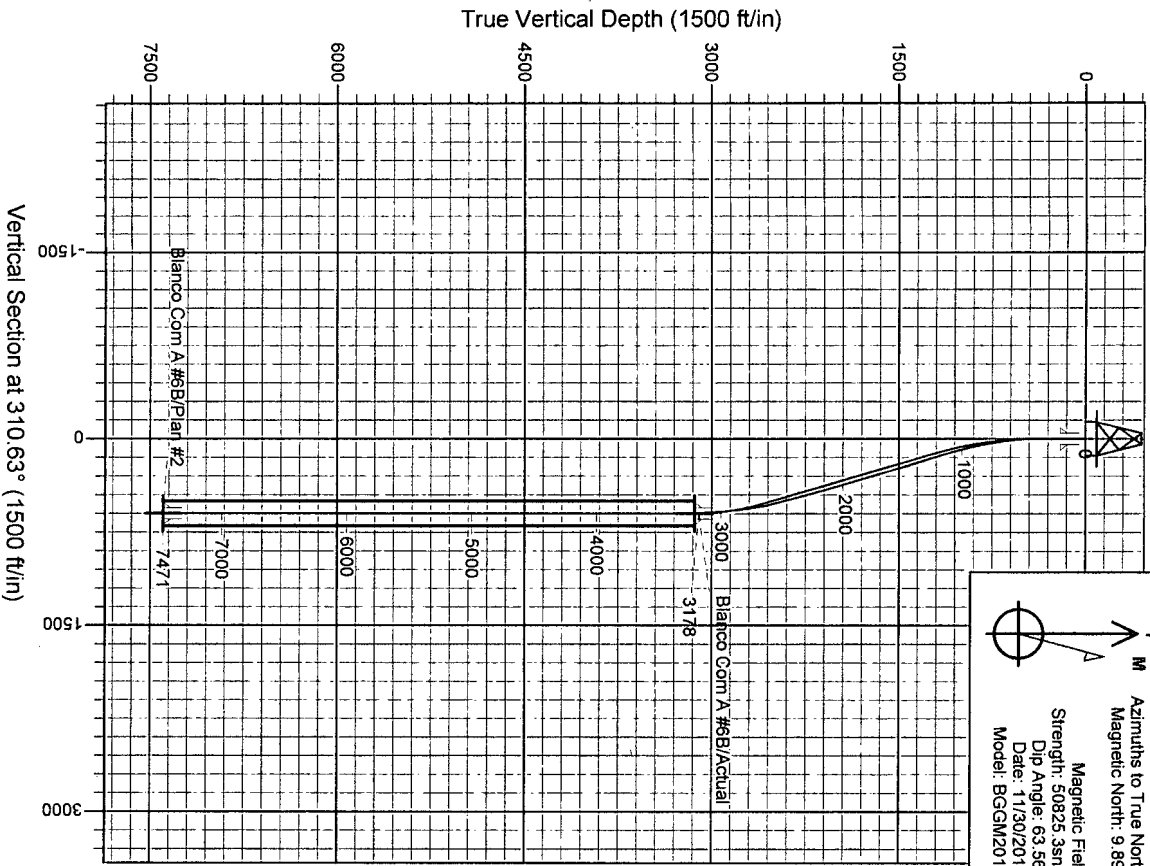
Project: SJB (NM West)
Site: SEC 36-T30N-R8W
Well: Blanco Com A #6B
Wellbore: Original Hole
Design: Plan #2



+N/-S 0.0
+E/-W 0.0
Northing 2098314.80

WELL DETAILS: Blanco Com A #6B
AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Ground Level: 6064.0
Easting 561810.06
Latitude 36° 45' 59.236 N
Longitude 107° 37' 20.315 W

Slot



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well Blanco Com A #6B, True North
Vertical (TVD) Reference: AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Section (NS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 920 @ 6079.0ft (15' DF + 6064' 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 West)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003
System Datum: Mean Sea Level

SITE DETAILS: SEC 36-T30N-R8W
Site Centre Latitude: 36° 45' 59.236 N
Longitude: 107° 37' 20.315 W
Positional Uncertainty: 7.5
Convergence: 0.13
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Blanco Com A #6B
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Site:	SEC 36-T30N-R8W	MD Reference:	AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Well:	Blanco Com A #6B	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

Project	SJB (NM West), 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 West 3003		Using geodetic scale factor

Site	SEC 36-T30N-R8W		
Site Position:		Northing:	2,098,314.80 ft
From:	Lat/Long	Easting:	561,810.06 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 45' 59.236 N
		Longitude:	107° 37' 20.315 W
		Grid Convergence:	0.13 °

Well	Blanco Com A #6B, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,098,314.80 ft
	+E/-W	0.0 ft	Easting: 561,810.06 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Ground Level:	6,064.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	11/30/2010	9.89	63.56	50,825

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	309.37

Survey Program	Date 2/21/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
294.0	3,178.0	Actual (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	
294.0	0.72	98.89	294.0	-0.3	1.8	-1.6	0.24	0.24	0.00	
325.0	0.71	52.27	325.0	-0.2	2.2	-1.8	1.83	-0.03	-150.39	
356.0	0.94	13.71	356.0	0.2	2.4	-1.7	1.89	0.74	-124.39	
387.0	1.56	352.98	387.0	0.8	2.4	-1.3	2.44	2.00	-66.87	
417.0	2.30	346.56	417.0	1.8	2.2	-0.5	2.57	2.47	-21.40	
448.0	2.78	344.60	447.9	3.2	1.9	0.6	1.57	1.55	-6.32	
479.0	3.26	331.43	478.9	4.7	1.2	2.0	2.71	1.55	-42.48	
510.0	3.69	321.73	509.8	6.2	0.2	3.8	2.34	1.39	-31.29	
541.0	4.91	321.46	540.7	8.0	-1.2	6.1	3.94	3.94	-0.87	
572.0	5.34	317.31	571.6	10.1	-3.1	8.8	1.83	1.39	-13.39	
602.0	6.04	312.08	601.5	12.2	-5.2	11.7	2.90	2.33	-17.43	
633.0	6.61	308.00	632.3	14.4	-7.8	15.2	2.34	1.84	-13.16	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well Blanco Com A #6B
Project:	SJB (NM West)	TVD Reference:	AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Site:	SEC 36-T30N-R8W	MD Reference:	AWS 920 @ 6079.0ft (15' DF + 6064' GL)
Well:	Blanco Com A #6B	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)
664.0	7.13	311.19	663.1	16.8	-10.6	18.9	2.08	1.68	10.29
695.0	7.96	310.13	693.8	19.4	-13.7	22.9	2.71	2.68	-3.42
726.0	8.76	311.02	724.5	22.4	-17.2	27.4	2.61	2.58	2.87
757.0	9.72	311.81	755.1	25.6	-20.9	32.4	3.12	3.10	2.55
787.0	10.20	309.28	784.6	29.0	-24.8	37.6	2.16	1.60	-8.43
818.0	10.70	308.66	815.1	32.6	-29.2	43.2	1.65	1.61	-2.00
883.0	12.26	309.94	878.8	40.8	-39.2	56.2	2.43	2.40	1.97
946.0	13.33	308.07	940.2	49.5	-50.1	70.1	1.82	1.70	-2.97
1,009.0	15.13	307.91	1,001.3	59.1	-62.3	85.6	2.86	2.86	-0.25
1,073.0	16.17	308.53	1,062.9	69.7	-75.8	102.8	1.65	1.63	0.97
1,136.0	16.50	308.59	1,123.4	80.8	-89.7	120.6	0.52	0.52	0.10
1,199.0	16.83	309.09	1,183.7	92.1	-103.7	138.6	0.57	0.52	0.79
1,262.0	16.95	308.91	1,244.0	103.6	-118.0	156.9	0.21	0.19	-0.29
1,325.0	17.35	307.13	1,304.2	115.1	-132.6	175.5	1.05	0.63	-2.83
1,388.0	17.93	308.16	1,364.2	126.7	-147.7	194.6	1.05	0.92	1.63
1,451.0	17.34	308.19	1,424.3	138.5	-162.7	213.7	0.94	-0.94	0.05
1,514.0	16.63	306.80	1,484.5	149.7	-177.3	232.1	1.30	-1.13	-2.21
1,577.0	16.32	308.60	1,545.0	160.7	-191.5	249.9	0.95	-0.49	2.86
1,640.0	15.97	309.58	1,605.5	171.7	-205.1	267.4	0.70	-0.56	1.56
1,703.0	16.63	310.69	1,665.9	183.1	-218.6	285.1	1.16	1.05	1.76
1,766.0	16.92	310.03	1,726.3	194.9	-232.4	303.3	0.55	0.46	-1.05
1,829.0	16.33	309.37	1,786.6	206.4	-246.3	321.3	0.98	-0.94	-1.05
1,892.0	16.00	306.45	1,847.1	217.2	-260.1	338.8	1.39	-0.52	-4.63
1,955.0	16.23	308.69	1,907.7	227.8	-274.0	356.3	1.05	0.37	3.56
2,018.0	16.10	310.01	1,968.2	238.9	-287.5	373.9	0.62	-0.21	2.10
2,081.0	16.31	311.05	2,028.7	250.4	-300.9	391.4	0.57	0.33	1.65
2,145.0	15.59	311.06	2,090.2	261.9	-314.2	409.0	1.13	-1.13	0.02
2,208.0	14.92	309.12	2,151.0	272.6	-326.8	425.6	1.34	-1.06	-3.08
2,271.0	15.01	309.54	2,211.8	282.9	-339.4	441.9	0.22	0.14	0.67
2,334.0	15.32	307.52	2,272.6	293.2	-352.3	458.3	0.97	0.49	-3.21
2,397.0	14.94	309.27	2,333.5	303.4	-365.2	474.8	0.94	-0.60	2.78
2,460.0	14.55	310.49	2,394.4	313.7	-377.5	490.8	0.79	-0.62	1.94
2,523.0	14.14	308.92	2,455.4	323.6	-389.5	506.4	0.90	-0.65	-2.49
2,587.0	13.18	307.39	2,517.6	333.0	-401.4	521.5	1.60	-1.50	-2.39
2,650.0	12.79	309.66	2,579.0	341.8	-412.5	535.7	1.02	-0.62	3.60
2,713.0	10.30	308.54	2,640.7	349.8	-422.2	548.3	3.97	-3.95	-1.78
2,776.0	8.61	308.22	2,702.9	356.2	-430.4	558.6	2.68	-2.68	-0.51
2,807.0	8.68	307.91	2,733.5	359.1	-434.0	563.3	0.27	0.23	-1.00
2,839.0	7.91	308.11	2,765.2	361.9	-437.7	567.9	2.41	-2.41	0.63
2,870.0	6.86	310.63	2,795.9	364.4	-440.7	571.9	3.54	-3.39	8.13
2,903.0	5.65	309.04	2,828.7	366.7	-443.5	575.5	3.70	-3.67	-4.82
2,933.0	4.91	308.97	2,858.6	368.5	-445.7	578.2	2.47	-2.47	-0.23
2,965.0	4.60	304.01	2,890.5	370.0	-447.8	580.9	1.61	-0.97	-15.50
2,996.0	4.03	298.47	2,921.4	371.3	-449.8	583.2	2.28	-1.84	-17.87
3,027.0	3.90	296.80	2,952.3	372.3	-451.7	585.3	0.56	-0.42	-5.39
3,090.0	3.45	301.72	3,015.2	374.2	-455.2	589.3	0.87	-0.71	7.81
3,154.0	3.58	304.85	3,079.1	376.4	-458.5	593.2	0.36	0.20	4.89
3,178.0	3.28	303.90	3,103.0	377.2	-459.7	594.6	1.27	-1.25	-3.96