

DISTRICT I
1625 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 30-039-30608		*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 7460	*Property Name SAN JUAN 28-5 UNIT		*Well Number 2C
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 7411'

¹⁰ Surface Location

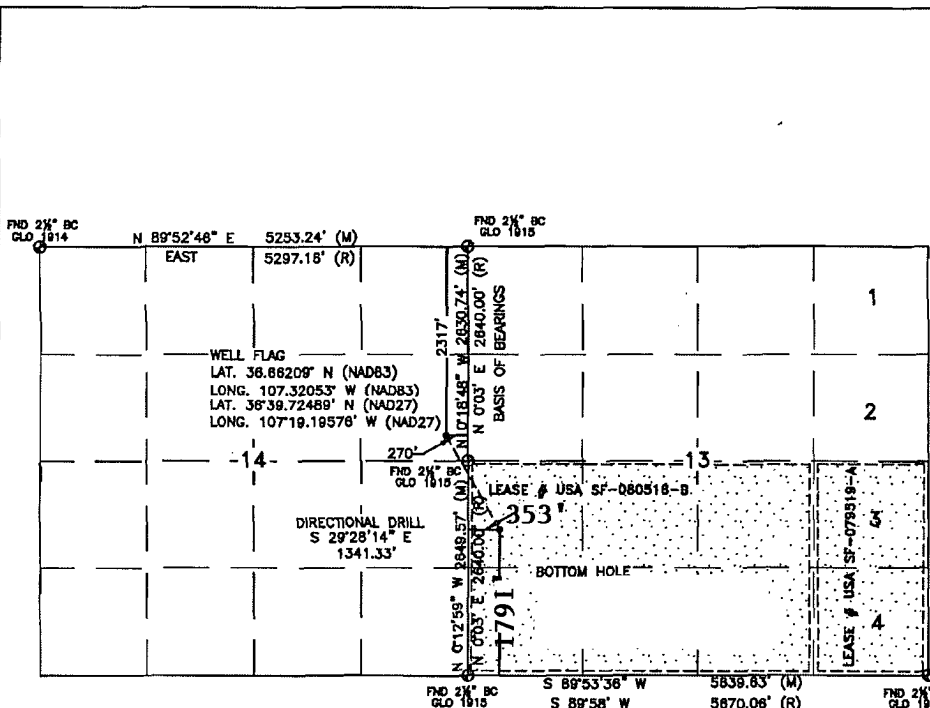
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	14	28N	5W		2317'	NORTH	270'	EAST	RIO ARRIBA

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
L	13	28N	5W		1791'	SOUTH	253393'	WEST	RIO ARRIBA

¹² Dedicated Acres 343.45 Acres - (S/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD SEP 14 '10 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



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.

Crystal Tafuya 9/13/10
Signature Date

Crystal Tafuya 9/13/10
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 23, 2008

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number 10201

Legal WellName : SAN JUAN 28-5 UNIT #2C	API / UWI: 3003930608
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 014-028N-005W-H
St/Prov: NEW MEXICO	N/S Dist (ft): 2,317.00 - FNL
County: RIO ARRIBA	E/W Dist (ft): 270.00 - FEL

RCVD SEP 14 '10
OIL CONS. DIV.
DIS 1.3

Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	06/02/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/02/2010	134.00	.75	.00	Inc-WL	MOTE
06/02/2010	231.00	.75	.00	Inc-WL	MOTE
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	06/05/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/06/2010	263.00	.42	344.75	IncAzi-MWD	Scientific Drilling
06/06/2010	323.00	.34	135.95	IncAzi-MWD	Scientific Drilling
06/06/2010	385.00	1.45	154.83	IncAzi-MWD	Scientific Drilling
06/06/2010	446.00	2.58	144.98	IncAzi-MWD	Scientific Drilling
06/06/2010	507.00	3.57	141.97	IncAzi-MWD	Scientific Drilling
06/06/2010	569.00	4.87	145.87	IncAzi-MWD	Scientific Drilling
06/06/2010	631.00	6.17	149.96	IncAzi-MWD	Scientific Drilling
06/06/2010	692.00	7.55	151.90	IncAzi-MWD	Scientific Drilling
06/06/2010	753.00	9.48	151.38	IncAzi-MWD	Scientific Drilling
06/06/2010	815.00	11.11	151.53	IncAzi-MWD	Scientific Drilling
06/06/2010	911.00	13.07	152.31	IncAzi-MWD	Scientific Drilling
06/06/2010	1,001.00	15.66	148.74	IncAzi-MWD	Scientific Drilling
06/06/2010	1,091.00	16.64	147.56	IncAzi-MWD	Scientific Drilling
06/06/2010	1,181.00	19.09	147.75	IncAzi-MWD	Scientific Drilling
06/06/2010	1,271.00	21.16	149.05	IncAzi-MWD	Scientific Drilling
06/06/2010	1,361.00	22.42	150.09	IncAzi-MWD	Scientific Drilling
06/06/2010	1,451.00	22.59	151.14	IncAzi-MWD	Scientific Drilling
06/06/2010	1,541.00	23.07	149.21	IncAzi-MWD	Scientific Drilling
06/06/2010	1,631.00	22.83	148.89	IncAzi-MWD	Scientific Drilling
06/06/2010	1,721.00	23.01	147.39	IncAzi-MWD	Scientific Drilling
06/06/2010	1,811.00	22.69	152.02	IncAzi-MWD	Scientific Drilling
06/06/2010	1,901.00	22.95	151.57	IncAzi-MWD	Scientific Drilling
06/06/2010	1,991.00	22.29	154.60	IncAzi-MWD	Scientific Drilling
06/06/2010	2,081.00	21.21	154.43	IncAzi-MWD	Scientific Drilling
06/06/2010	2,171.00	21.54	154.61	IncAzi-MWD	Scientific Drilling
06/06/2010	2,261.00	20.74	152.87	IncAzi-MWD	Scientific Drilling
06/06/2010	2,351.00	19.79	149.79	IncAzi-MWD	Scientific Drilling

06/06/2010	2,441.00	20.09	150.01	IncAzi-MWD	Scientific Drilling
06/06/2010	2,531.00	20.42	151.79	IncAzi-MWD	Scientific Drilling
06/06/2010	2,620.00	20.28	150.22	IncAzi-MWD	Scientific Drilling
06/06/2010	2,710.00	20.24	152.52	IncAzi-MWD	Scientific Drilling
06/06/2010	2,800.00	21.26	151.88	IncAzi-MWD	Scientific Drilling
06/06/2010	2,890.00	20.92	152.54	IncAzi-MWD	Scientific Drilling
06/06/2010	2,980.00	21.47	152.64	IncAzi-MWD	Scientific Drilling
06/06/2010	3,070.00	21.65	149.36	IncAzi-MWD	Scientific Drilling
06/06/2010	3,160.00	21.93	150.94	IncAzi-MWD	Scientific Drilling
06/06/2010	3,250.00	23.17	150.09	IncAzi-MWD	Scientific Drilling
06/06/2010	3,340.00	22.66	149.38	IncAzi-MWD	Scientific Drilling
06/07/2010	3,430.00	22.49	149.78	IncAzi-MWD	Scientific Drilling
06/07/2010	3,520.00	22.59	149.99	IncAzi-MWD	Scientific Drilling
06/07/2010	3,610.00	21.97	149.21	IncAzi-MWD	Scientific Drilling
06/07/2010	3,700.00	21.63	149.10	IncAzi-MWD	Scientific Drilling
06/07/2010	3,790.00	21.39	150.59	IncAzi-MWD	Scientific Drilling
06/07/2010	3,880.00	21.60	150.54	IncAzi-MWD	Scientific Drilling
06/07/2010	3,970.00	21.62	150.45	IncAzi-MWD	Scientific Drilling
06/07/2010	4,060.00	21.73	149.02	IncAzi-MWD	Scientific Drilling
06/07/2010	4,150.00	19.74	148.78	IncAzi-MWD	Scientific Drilling
06/07/2010	4,240.00	17.55	146.71	IncAzi-MWD	Scientific Drilling
06/07/2010	4,329.00	14.82	149.37	IncAzi-MWD	Scientific Drilling
06/07/2010	4,419.00	11.30	152.96	IncAzi-MWD	Scientific Drilling
06/07/2010	4,510.00	8.08	155.82	IncAzi-MWD	Scientific Drilling
06/07/2010	4,600.00	5.87	156.84	IncAzi-MWD	Scientific Drilling
06/07/2010	4,689.00	3.97	152.96	IncAzi-MWD	Scientific Drilling
06/08/2010	4,793.00	3.24	136.38	IncAzi-MWD	Scientific Drilling
06/08/2010	4,851.00	2.83	127.13	Projection	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	06/30/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/30/2010	6,999.00	1.00	.00	Inc-WL	PHOENIX

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.

Techel Dalumbur

Subscribed and sworn to me this Sept. 13, 2010

Crystal L. Tapeya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD SEP 14 '10
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 14-T28N-R5W

SJ 28-5 #2C

API # 30.039.30608

Original Hole

Survey: Actual

Standard Survey Report

12 August, 2010

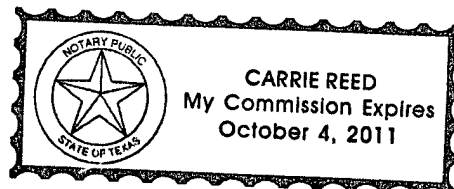
This survey is correct to the best of my knowledge and is supported by actual field data.

[Signature]

Notorized this date 13th of August, 2010.

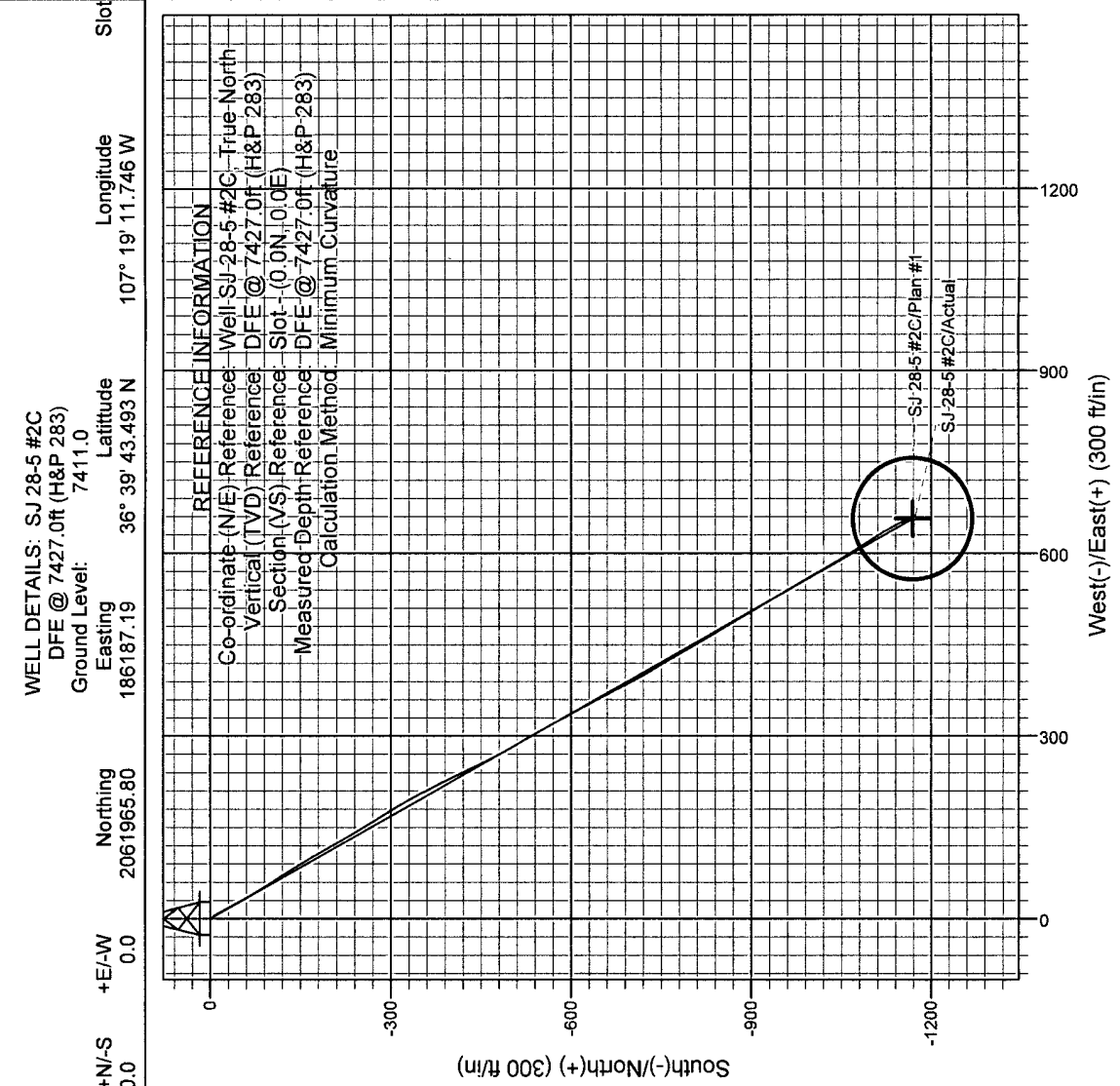
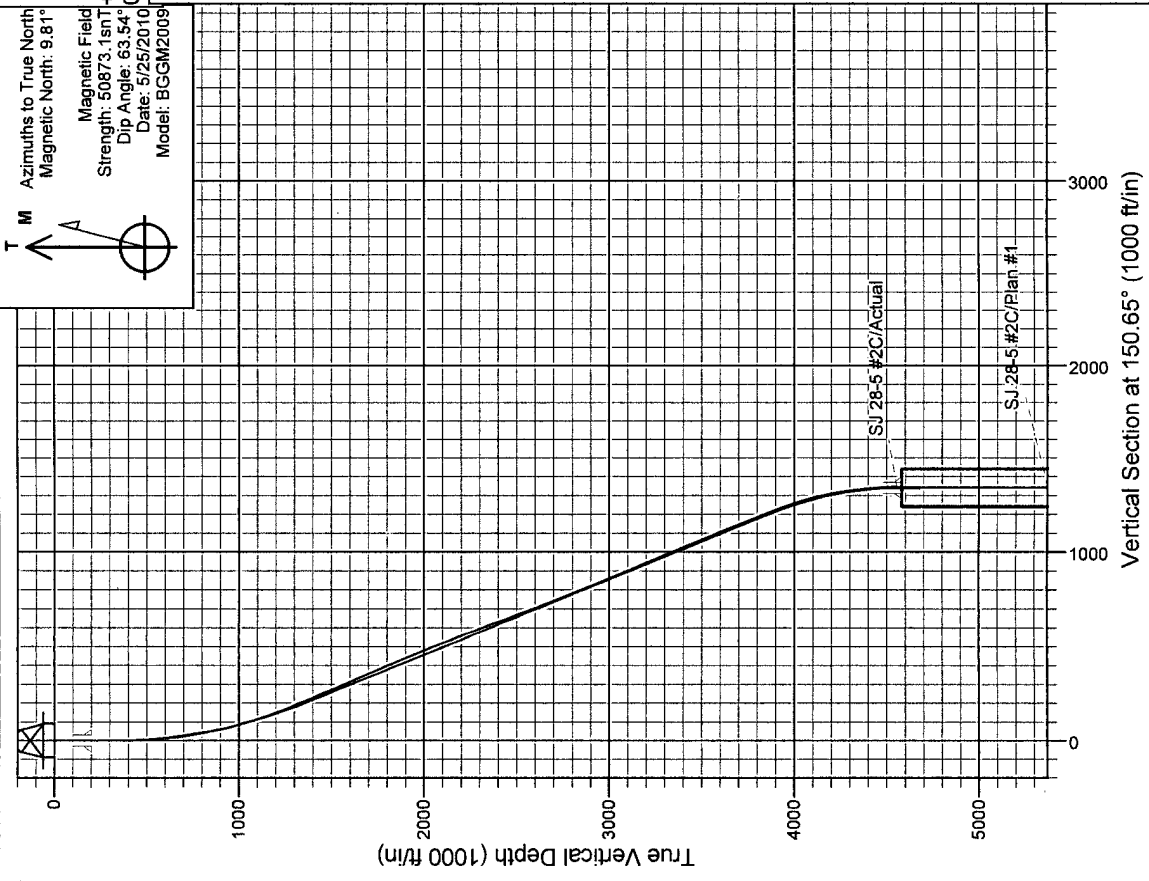
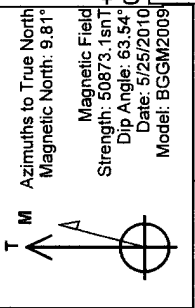
[Signature]

Notary Signature
County of Midland
State of Texas





Project: SJB (NM Central)
SEC 14-T28N-R5W
Well: SJ 28-5 #2C
Wellbore: Original Hole
Design: Plan #1
Site:



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 28-5 #2C- True North
Vertical (TVD) Reference: DFE @ 7427.0ft (H&P 283)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: DFE @ 7427.0ft (H&P 283)
Calculation Method: Minimum Curvature

WELL DETAILS: SJ 28-5 #2C
DFE @ 7427.0ft (H&P 283)
Ground Level: 7411.0
Easting: 186187.19
Northing: 2061965.80
Latitude: 36° 39' 43.493 N
Longitude: 107° 19' 11.746 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 14-T28N-R5W
Rio Arriba County NM
Site Centre Latitude: 36° 39' 44.033 N
Longitude: 107° 19' 12.286 W
Positional Uncertainty: 0.0
Convergence: -0.64
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-5 #2C
Project:	SJB (NM Central)	TVD Reference:	DFE @ 7427.0ft (H&P 283)
Site:	SEC 14-T28N-R5W	MD Reference:	DFE @ 7427.0ft (H&P 283)
Well:	SJ 28-5 #2C	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 14-T28N-R5W			
Site Position:		Northing:	2,062,020.87 ft	Latitude:	36° 39' 44.033 N
From:	Lat/Long	Easting:	186,143.80 ft	Longitude:	107° 19' 12.286 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.64 °

Well	SJ 28-5 #2C, S-Type MV Well					
Well Position	+N/-S	0.0 ft	Northing:	2,061,965.80 ft	Latitude:	36° 39' 43.493 N
	+E/-W	0.0 ft	Easting:	186,187.19 ft	Longitude:	107° 19' 11.746 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	7,411.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	5/25/2010	9.81	63.54	50,873

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	150.54

Survey Program	Date 8/12/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
263.0	4,793.0	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	
263.0	0.42	344.75	263.0	0.9	-0.3	-0.9	0.16	0.16	0.00	
323.0	0.34	135.95	323.0	1.0	-0.2	-1.0	1.23	-0.13	252.00	
385.0	1.45	154.83	385.0	0.2	0.3	0.0	1.83	1.79	30.45	
446.0	2.58	144.98	446.0	-1.7	1.4	2.1	1.93	1.85	-16.15	
507.0	3.57	141.97	506.9	-4.3	3.3	5.4	1.64	1.62	-4.93	
569.0	4.87	145.87	568.7	-8.0	6.0	9.9	2.15	2.10	6.29	
631.0	6.17	149.96	630.4	-13.0	9.2	15.9	2.19	2.10	6.60	
692.0	7.55	151.90	691.0	-19.4	12.7	23.1	2.29	2.26	3.18	
753.0	9.48	151.38	751.3	-27.4	17.0	32.2	3.17	3.16	-0.85	
815.0	11.11	151.53	812.3	-37.1	22.3	43.2	2.63	2.63	0.24	
911.0	13.07	152.31	906.2	-54.8	31.7	63.3	2.05	2.04	0.81	
1,001.0	15.66	148.74	993.3	-74.2	42.8	85.7	3.04	2.88	-3.97	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-5 #2C
Project:	SJB (NM Central)	TVD Reference:	DFE @ 7427.0ft (H&P 283)
Site:	SEC 14-T28N-R5W	MD Reference:	DFE @ 7427.0ft (H&P 283)
Well:	SJ 28-5 #2C	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)
1,091.0	16.64	147.56	1,079.8	-95.5	56.0	110.7	1.15	1.09	-1.31
1,181.0	19.09	147.75	1,165.4	-118.8	70.7	138.2	2.72	2.72	0.21
1,271.0	21.16	149.05	1,249.9	-145.2	87.0	169.2	2.35	2.30	1.44
1,361.0	22.42	150.09	1,333.5	-174.0	103.9	202.6	1.46	1.40	1.16
1,451.0	22.59	151.14	1,416.7	-204.0	120.8	237.0	0.48	0.19	1.17
1,541.0	23.07	149.21	1,499.6	-234.3	138.1	272.0	0.99	0.53	-2.14
1,631.0	22.83	148.89	1,582.5	-264.4	156.2	307.0	0.30	-0.27	-0.36
1,721.0	23.01	147.39	1,665.4	-294.2	174.7	342.0	0.68	0.20	-1.67
1,811.0	22.69	152.02	1,748.3	-324.3	192.3	377.0	2.03	-0.36	5.14
1,901.0	22.95	151.57	1,831.3	-355.1	208.8	411.9	0.35	0.29	-0.50
1,991.0	22.29	154.60	1,914.4	-385.9	224.5	446.4	1.49	-0.73	3.37
2,081.0	21.21	154.43	1,997.9	-416.0	238.8	479.7	1.20	-1.20	-0.19
2,171.0	21.54	154.61	2,081.8	-445.6	252.9	512.4	0.37	0.37	0.20
2,261.0	20.74	152.87	2,165.7	-474.8	267.3	544.8	1.13	-0.89	-1.93
2,351.0	19.79	149.79	2,250.1	-502.1	282.2	576.0	1.59	-1.06	-3.42
2,441.0	20.09	150.01	2,334.7	-528.7	297.6	606.7	0.34	0.33	0.24
2,531.0	20.42	151.79	2,419.2	-555.9	312.8	637.8	0.78	0.37	1.98
2,620.0	20.28	150.22	2,502.6	-583.0	327.8	668.8	0.63	-0.16	-1.76
2,710.0	20.24	152.52	2,587.0	-610.3	342.7	699.9	0.89	-0.04	2.56
2,800.0	21.26	151.88	2,671.2	-638.5	357.6	731.8	1.16	1.13	-0.71
2,890.0	20.92	152.54	2,755.2	-667.2	372.7	764.2	0.46	-0.38	0.73
2,980.0	21.47	152.64	2,839.1	-696.0	387.7	796.7	0.61	0.61	0.11
3,070.0	21.65	149.36	2,922.8	-725.0	403.7	829.8	1.35	0.20	-3.64
3,160.0	21.93	150.94	3,006.4	-753.9	420.3	863.2	0.72	0.31	1.76
3,250.0	23.17	150.09	3,089.5	-784.0	437.3	897.7	1.42	1.38	-0.94
3,340.0	22.66	149.38	3,172.4	-814.2	455.0	932.7	0.64	-0.57	-0.79
3,430.0	22.49	149.78	3,255.5	-844.0	472.5	967.3	0.25	-0.19	0.44
3,520.0	22.59	149.99	3,338.6	-873.9	489.8	1,001.8	0.14	0.11	0.23
3,610.0	21.97	149.21	3,421.9	-903.3	507.0	1,035.9	0.76	-0.69	-0.87
3,700.0	21.63	149.10	3,505.5	-932.0	524.2	1,069.3	0.38	-0.38	-0.12
3,790.0	21.39	150.59	3,589.2	-960.5	540.7	1,102.3	0.66	-0.27	1.66
3,880.0	21.60	150.54	3,672.9	-989.3	557.0	1,135.3	0.23	0.23	-0.06
3,970.0	21.62	150.45	3,756.6	-1,018.1	573.3	1,168.4	0.04	0.02	-0.10
4,060.0	21.73	149.02	3,840.2	-1,046.8	590.0	1,201.6	0.60	0.12	-1.59
4,150.0	19.74	148.78	3,924.4	-1,074.1	606.5	1,233.5	2.21	-2.21	-0.27
4,240.0	17.55	146.71	4,009.7	-1,098.4	621.8	1,262.2	2.54	-2.43	-2.30
4,329.0	14.82	149.37	4,095.1	-1,119.4	635.0	1,287.0	3.18	-3.07	2.99
4,419.0	11.30	152.96	4,182.8	-1,137.2	644.9	1,307.3	4.01	-3.91	3.99
4,510.0	8.08	155.82	4,272.5	-1,151.0	651.5	1,322.6	3.58	-3.54	3.14
4,600.0	5.87	156.84	4,361.8	-1,161.0	655.9	1,333.5	2.46	-2.46	1.13
4,689.0	3.97	152.96	4,450.5	-1,167.9	659.1	1,341.1	2.17	-2.13	-4.36
4,793.0	3.24	136.38	4,554.3	-1,173.3	662.8	1,347.5	1.22	-0.70	-15.94