

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1201 West Grand Avenue, Artesia, N.M. 88210

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

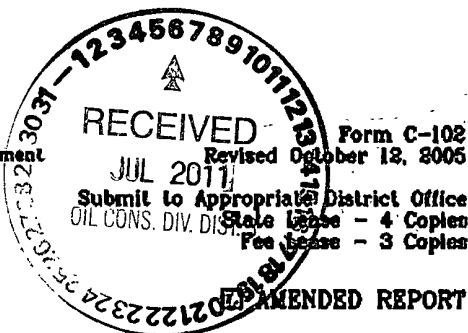
DISTRICT IV
1820 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

AS DRILLED PLAT



WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30973		Pool Code 72319 / 71559	Pool Name BASIN DAKOTA/BLANCO MESAVERDE
Property Code 7462	Property Name SAN JUAN 28 - 8 UNIT		Well Number 182P
GORID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		Elevation 6425'

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	12	27-N	6-W		1385	NORTH	1020	WEST	RIO ARriba

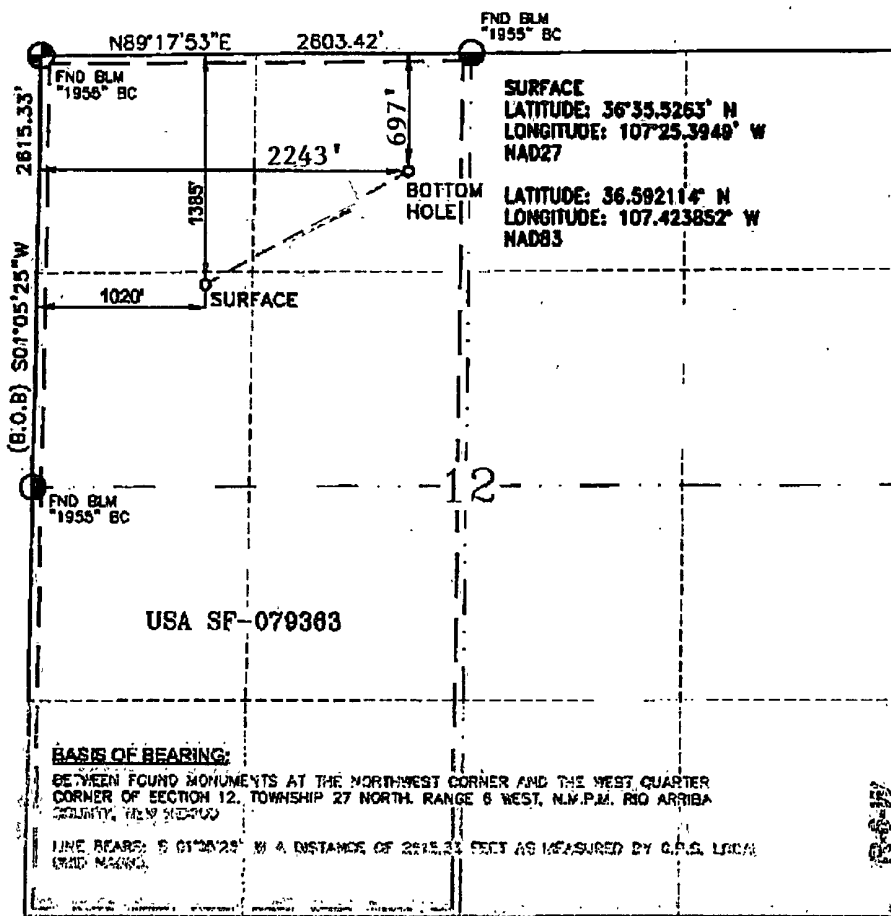
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	12	27-N	6-W		697'	NORTH	2243'	WEST	RIO ARriba

Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2	Joint or Infill	Consolidation Code	Order No.
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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

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 worked interest interest in the land including the proposed bottom hole location or has a right to drill this well of this location pursuant to a contract with an owner of such a mineral or a working interest, or to a temporary pooling agreement or a compulsory pooling order heretofore entered by the division.

[Signature]
Signature
Marie E Jaramillo 6/30/11
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.

MARCH 9, 2010
Date of Survey

Signature and Seal of



GLEN W. RUSSELL
Certified Surveyor

A

PC



COP Deviation Report
SAN JUAN 28-6 UNIT #182P

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 28-6 UNIT #182P	API / UWI 3003930973	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 012-027N-006W-E	N/S Dist (ft) 1,385.00	N/S Ref FNL	E/W Dist (ft) 1,020.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
4/21/2011	130.00	0.75	Inc-WL	MOTE	
4/21/2011	238.00	0.75	Inc-WL	MOTE	
5/18/2011	247.00	0.61	IncAzi-MWD	Scientific Drilling	
5/18/2011	308.00	1.14	IncAzi-MWD	Scientific Drilling	
5/18/2011	370.00	2.13	IncAzi-MWD	Scientific Drilling	
5/18/2011	431.00	3.55	IncAzi-MWD	Scientific Drilling	
5/18/2011	493.00	4.66	IncAzi-MWD	Scientific Drilling	
5/18/2011	555.00	5.89	IncAzi-MWD	Scientific Drilling	
5/18/2011	616.00	7.44	IncAzi-MWD	Scientific Drilling	
5/18/2011	678.00	8.70	IncAzi-MWD	Scientific Drilling	
5/18/2011	739.00	9.87	IncAzi-MWD	Scientific Drilling	
5/18/2011	799.00	10.93	IncAzi-MWD	Scientific Drilling	
5/18/2011	861.00	12.31	IncAzi-MWD	Scientific Drilling	
5/18/2011	925.00	13.58	IncAzi-MWD	Scientific Drilling	
5/18/2011	988.00	14.80	IncAzi-MWD	Scientific Drilling	
5/18/2011	1,052.00	16.45	IncAzi-MWD	Scientific Drilling	
5/18/2011	1,115.00	17.49	IncAzi-MWD	Scientific Drilling	
5/18/2011	1,179.00	17.81	IncAzi-MWD	Scientific Drilling	
5/18/2011	1,242.00	18.40	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,306.00	20.67	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,369.00	21.62	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,433.00	23.05	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,496.00	24.18	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,560.00	25.32	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,623.00	26.24	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,687.00	26.87	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,750.00	28.23	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,814.00	28.89	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,878.00	29.61	IncAzi-MWD	Scientific Drilling	
5/19/2011	1,941.00	30.66	IncAzi-MWD	Scientific Drilling	
5/19/2011	2,004.00	31.30	IncAzi-MWD	Scientific Drilling	
5/20/2011	2,068.00	32.06	IncAzi-MWD	Scientific Drilling	
5/20/2011	2,131.00	33.21	IncAzi-MWD	Scientific Drilling	
5/20/2011	2,195.00	33.97	IncAzi-MWD	Scientific Drilling	
5/20/2011	2,259.00	33.85	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 _____



A

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/20/2011	2,322.00	33.90	IncAzi-MWD	Scientific Drilling
5/20/2011	2,386.00	34.78	IncAzi-MWD	Scientific Drilling
5/20/2011	2,449.00	34.37	IncAzi-MWD	Scientific Drilling
5/20/2011	2,513.00	34.43	IncAzi-MWD	Scientific Drilling
5/20/2011	2,576.00	34.59	IncAzi-MWD	Scientific Drilling
5/20/2011	2,640.00	34.13	IncAzi-MWD	Scientific Drilling
5/20/2011	2,703.00	34.46	IncAzi-MWD	Scientific Drilling
5/20/2011	2,767.00	35.14	IncAzi-MWD	Scientific Drilling
5/20/2011	2,830.00	34.91	IncAzi-MWD	Scientific Drilling
5/20/2011	2,894.00	34.27	IncAzi-MWD	Scientific Drilling
5/20/2011	2,957.00	34.10	IncAzi-MWD	Scientific Drilling
5/20/2011	3,021.00	33.25	IncAzi-MWD	Scientific Drilling
5/20/2011	3,084.00	31.89	IncAzi-MWD	Scientific Drilling
5/20/2011	3,148.00	30.03	IncAzi-MWD	Scientific Drilling
5/20/2011	3,243.00	27.15	IncAzi-MWD	Scientific Drilling
5/20/2011	3,275.00	26.88	IncAzi-MWD	Scientific Drilling
5/20/2011	3,338.00	25.98	IncAzi-MWD	Scientific Drilling
5/20/2011	3,402.00	23.70	IncAzi-MWD	Scientific Drilling
5/20/2011	3,457.00	20.59	IncAzi-MWD	Scientific Drilling
5/20/2011	3,529.00	17.68	IncAzi-MWD	Scientific Drilling
5/20/2011	3,592.00	17.22	IncAzi-MWD	Scientific Drilling
5/20/2011	3,656.00	15.87	IncAzi-MWD	Scientific Drilling
5/20/2011	3,719.00	14.16	IncAzi-MWD	Scientific Drilling
5/20/2011	3,783.00	11.46	IncAzi-MWD	Scientific Drilling
5/20/2011	3,846.00	9.43	IncAzi-MWD	Scientific Drilling
5/20/2011	3,910.00	7.09	IncAzi-MWD	Scientific Drilling
5/20/2011	3,973.00	5.10	IncAzi-MWD	Scientific Drilling
5/20/2011	4,037.00	3.91	IncAzi-MWD	Scientific Drilling
5/20/2011	4,101.00	2.74	IncAzi-MWD	Scientific Drilling
5/20/2011	4,191.00	2.49	IncAzi-MWD	Scientific Drilling
5/20/2011	4,248.00	2.49	IncAzi-MWD	Scientific Drilling
6/1/2011	7,942.00	1.00	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.

Subscribed and sworn to me this 6/30/11

Manuel Jaramillo

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 12-T27N-R6W
SJ 28-6 #182P
API# 3003930973
Original Hole

Design: Original Hole

Standard Survey Report

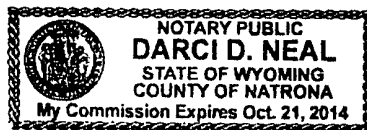
24 May, 2011



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

Notarized this date 25th of May, 2011.

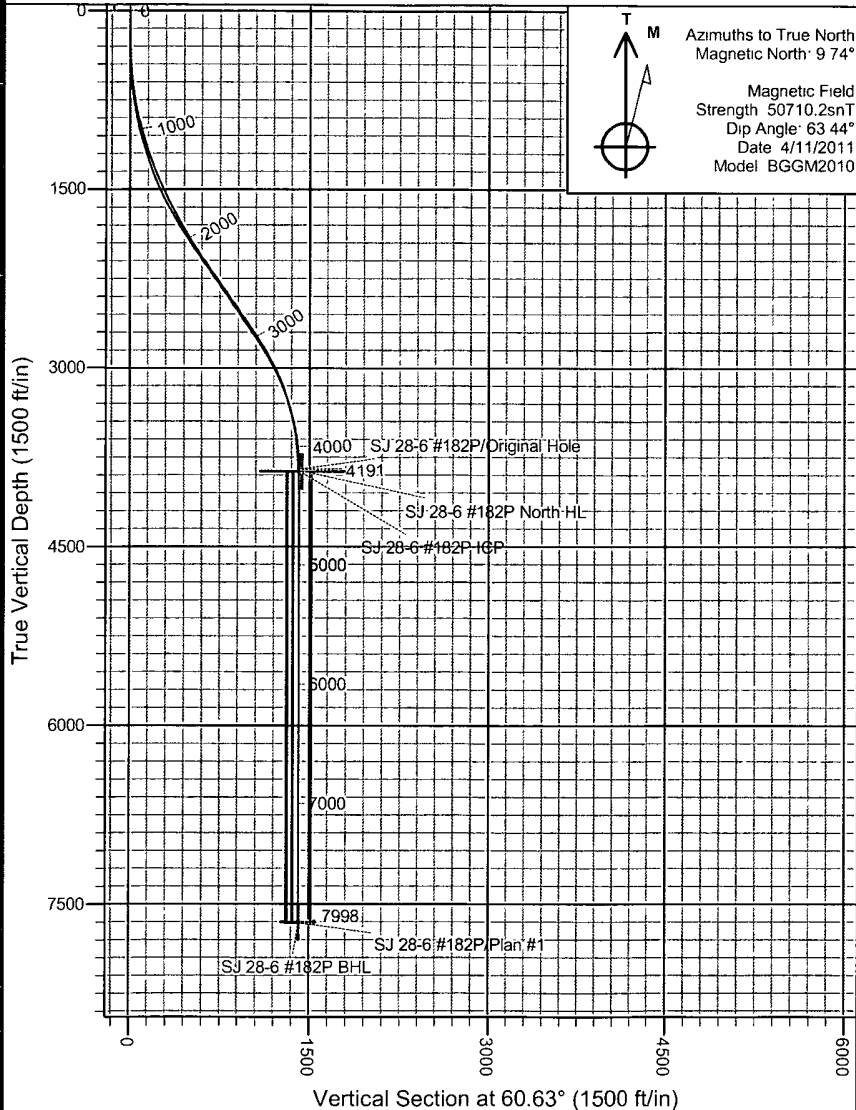
Darci D. Neal
Notary Signature
County of Natrona
State of Wyoming



ConocoPhillips

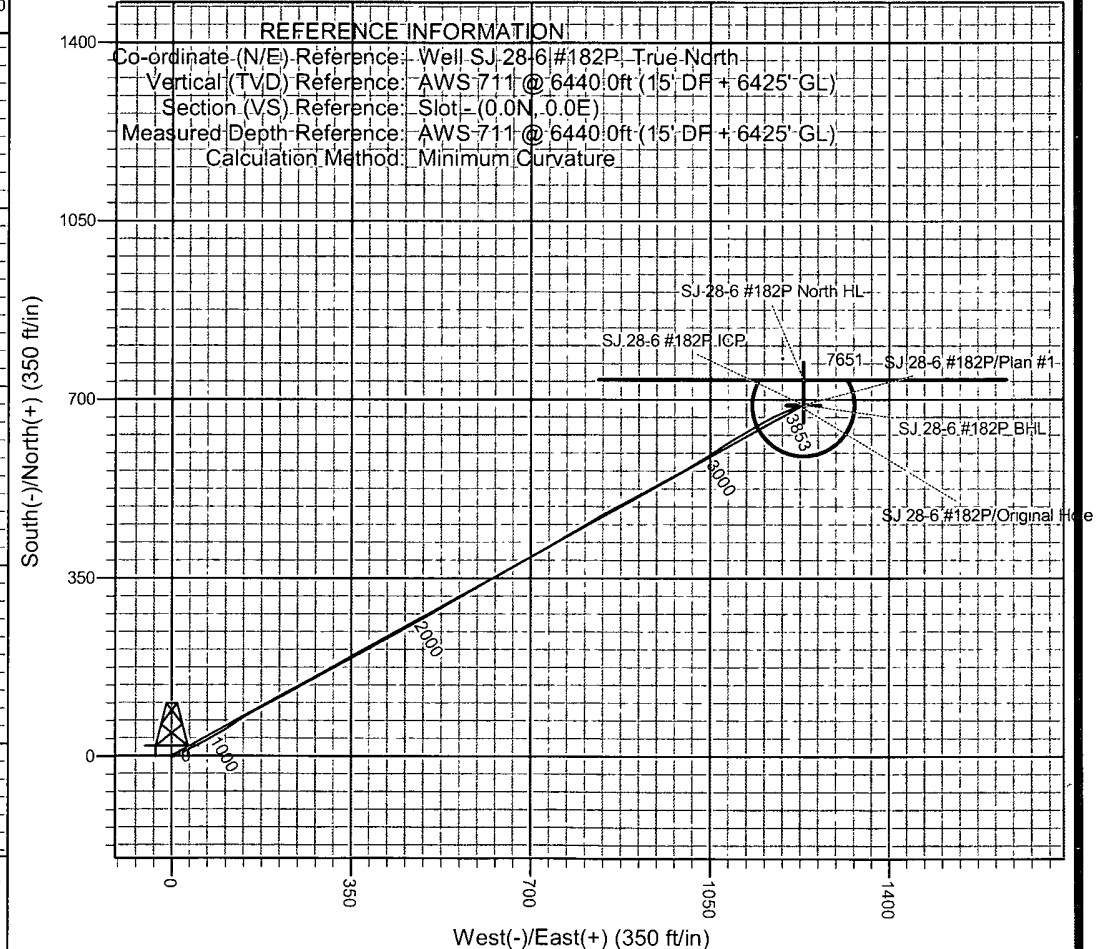


Project: SJB (NM Central)
 Site: SEC 12-T27N-R6W
 Well: SJ 28-6 #182P
 Wellbore: Original Hole
 Design: Original Hole



WELL DETAILS: SJ 28-6 #182P
 AWS 711 @ 6440 0ft (15' DF + 6425' GL)
 Ground Level: 6425 0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	2036844.89	155571 04	36° 35' 31.578 N	107° 25' 23.694 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 12-T27N-R6W
 Rio Arriba County NM
 Site Centre Latitude: 36° 35' 31.578 N
 Longitude: 107° 25' 23.694 W
 Positional Uncertainty: 7.5
 Convergence: -0.70
 Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #182P
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6440.0ft (15' DF + 6425' GL)
Site:	SEC 12-T27N-R6W	MD Reference:	AWS 711 @ 6440.0ft (15' DF + 6425' GL)
Well:	SJ 28-6 #182P	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 12-T27N-R6W		
Site Position:		Northing:	2,036,844.89 ft
From:	Lat/Long	Easting:	155,571.04 ft
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 35' 31.578 N
		Longitude:	107° 25' 23.694 W
		Grid Convergence:	-0.70 °

Well	SJ 28-6 #182P, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,036,844.89 ft
	+E/-W	0.0 ft	Easting: 155,571.04 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 35' 31.578 N
		Longitude:	107° 25' 23.694 W
		Ground Level:	6,425.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	4/11/2011	(°)
			9.74
			Dip Angle (°)
			63.44
			Field Strength (nT)
			50,710

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 (°)
			60.63

Survey Program	Date	5/24/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
247.0	4,191.0	Survey #1 (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
247.0	0.61	110.18	247.0	-0.5	1.2	0.9	0.25	0.25	0.00
First SDI MWD Survey									
308.0	1.14	108.93	308.0	-0.8	2.1	1.5	0.87	0.87	-2.05
370.0	2.13	90.73	370.0	-1.0	3.8	2.9	1.78	1.60	-29.35
431.0	3.55	70.91	430.9	-0.4	6.8	5.7	2.80	2.33	-32.49
493.0	4.66	63.48	492.7	1.4	10.8	10.1	1.98	1.79	-11.98
555.0	5.89	59.92	554.5	4.1	15.8	15.8	2.05	1.98	-5.74
616.0	7.44	62.89	615.1	7.5	22.1	22.9	2.60	2.54	4.87
678.0	8.70	59.79	676.4	11.7	29.7	31.6	2.15	2.03	-5.00
739.0	9.87	63.56	736.6	16.3	38.4	41.4	2.16	1.92	6.18
799.0	10.93	62.82	795.6	21.2	48.0	52.2	1.78	1.77	-1.23
861.0	12.31	62.41	856.4	26.9	59.1	64.7	2.23	2.23	-0.66

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #182P
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6440 0ft (15' DF + 6425' GL)
Site:	SEC 12-T27N-R6W	MD Reference:	AWS 711 @ 6440 0ft (15' DF + 6425' GL)
Well:	SJ 28-6 #182P	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)
925.0	13.58	61.03	918.7	33.7	71.7	79.1	2.04	1.98	-2.16
988.0	14.80	60.85	979.8	41.2	85.2	94.5	1.94	1.94	-0.29
1,052.0	16.57	58.41	1,041.4	50.0	100.1	111.8	2.95	2.77	-3.81
1,115.0	17.49	55.12	1,101.7	60.1	115.6	130.2	2.11	1.46	-5.22
1,179.0	17.81	55.96	1,162.7	71.1	131.6	149.5	0.64	0.50	1.31
1,242.0	18.40	57.81	1,222.5	81.8	148.0	169.1	1.31	0.94	2.94
1,316.0	20.67	61.00	1,292.3	94.3	169.3	193.8	3.39	3.07	4.31
1,369.0	21.62	62.34	1,341.7	103.4	186.1	212.9	2.01	1.79	2.53
1,433.0	23.05	61.96	1,400.9	114.8	207.6	237.2	2.25	2.23	-0.59
1,496.0	24.18	60.54	1,458.6	126.9	229.7	262.4	2.01	1.79	-2.25
1,560.0	25.32	60.03	1,516.8	140.2	253.0	289.2	1.81	1.78	-0.80
1,623.0	26.24	61.11	1,573.5	153.7	276.9	316.6	1.64	1.46	1.71
1,687.0	26.87	60.94	1,630.7	167.5	301.9	345.3	0.99	0.98	-0.27
1,750.0	28.23	61.81	1,686.6	181.5	327.5	374.4	2.25	2.16	1.38
1,814.0	28.89	61.03	1,742.8	196.1	354.3	405.0	1.18	1.03	-1.22
1,878.0	29.61	61.12	1,798.6	211.2	381.7	436.2	1.13	1.13	0.14
1,941.0	30.66	61.34	1,853.1	226.5	409.4	467.9	1.68	1.67	0.35
2,004.0	31.30	60.33	1,907.1	242.3	437.7	500.3	1.31	1.02	-1.60
2,068.0	32.06	60.25	1,961.6	258.9	466.9	533.9	1.19	1.19	-0.13
2,131.0	33.21	59.89	2,014.7	275.9	496.4	567.9	1.85	1.83	-0.57
2,195.0	33.97	60.05	2,068.0	293.6	527.0	603.3	1.20	1.19	0.25
2,259.0	33.85	59.50	2,121.1	311.6	557.9	639.0	0.51	-0.19	-0.86
2,322.0	33.90	60.08	2,173.4	329.2	588.2	674.1	0.52	0.08	0.92
2,386.0	34.78	60.99	2,226.2	347.0	619.7	710.2	1.59	1.38	1.42
2,449.0	34.37	60.82	2,278.1	364.4	650.9	746.0	0.67	-0.65	-0.27
2,513.0	34.43	60.41	2,330.9	382.1	682.4	782.1	0.37	0.09	-0.64
2,576.0	34.59	59.94	2,382.8	399.9	713.4	817.8	0.49	0.25	-0.75
2,640.0	34.13	59.38	2,435.7	418.1	744.5	853.9	0.87	-0.72	-0.88
2,703.0	34.46	58.91	2,487.7	436.3	775.0	889.4	0.67	0.52	-0.75
2,767.0	35.14	58.97	2,540.3	455.2	806.3	925.9	1.06	1.06	0.09
2,830.0	34.91	60.21	2,591.9	473.5	837.5	962.1	1.19	-0.37	1.97
2,894.0	34.27	62.23	2,644.5	491.0	869.3	998.4	2.05	-1.00	3.16
2,957.0	34.10	61.48	2,696.7	507.7	900.5	1,033.8	0.72	-0.27	-1.19
3,021.0	33.25	61.64	2,749.9	524.6	931.7	1,069.3	1.34	-1.33	0.25
3,084.0	31.89	61.50	2,803.0	540.7	961.6	1,103.2	2.16	-2.16	-0.22
3,148.0	30.03	61.21	2,857.9	556.5	990.5	1,136.1	2.92	-2.91	-0.45
3,211.0	28.10	58.20	2,913.0	571.9	1,016.9	1,166.7	3.84	-3.06	-4.78
3,275.0	26.88	57.87	2,969.7	587.5	1,042.0	1,196.2	1.92	-1.91	-0.52
3,338.0	25.98	56.46	3,026.1	602.7	1,065.5	1,224.2	1.74	-1.43	-2.24
3,402.0	23.70	57.74	3,084.2	617.4	1,088.1	1,251.0	3.66	-3.56	2.00
3,467.0	20.59	59.24	3,144.4	630.2	1,109.0	1,275.5	4.86	-4.78	2.31
3,529.0	17.68	60.06	3,203.0	640.5	1,126.5	1,295.8	4.71	-4.69	1.32
3,592.0	17.22	59.48	3,263.1	650.0	1,142.8	1,314.7	0.78	-0.73	-0.92
3,656.0	15.87	60.04	3,324.4	659.1	1,158.6	1,332.9	2.12	-2.11	0.88
3,719.0	14.16	63.44	3,385.3	666.9	1,172.9	1,349.2	3.05	-2.71	5.40
3,783.0	11.46	66.35	3,447.7	672.9	1,185.7	1,363.4	4.34	-4.22	4.55
3,846.0	9.43	67.11	3,509.6	677.5	1,196.2	1,374.7	3.23	-3.22	1.21
3,910.0	7.09	67.54	3,573.0	681.0	1,204.7	1,383.9	3.66	-3.66	0.67
3,973.0	5.10	69.19	3,635.6	683.5	1,210.9	1,390.5	3.17	-3.16	2.62
4,037.0	3.91	68.27	3,699.4	685.3	1,215.6	1,395.5	1.86	-1.86	-1.44
4,101.0	2.74	69.09	3,763.3	686.7	1,219.1	1,399.1	1.83	-1.83	1.28
4,191.0	2.49	66.18	3,853.2	688.2	1,222.9	1,403.2	0.31	-0.28	-3.23
Last SDI MWD Survey									



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #182P
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6440.0ft (15' DF + 6425' GL)
Site:	SEC 12-T27N-R6W	MD Reference:	AWS 711 @ 6440.0ft (15' DF + 6425' GL)
Well:	SJ 28-6 #182P	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Checked By: _____	Approved By: _____	Date: _____
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