

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

DISTRICT II
1301 West 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, 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

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

RCVD JUN 1 '10

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

OIL CONS. DIV.
DIST. 3

¹ API Number 30-039-30807	² Pool Code 71599 / 72319	³ Pool Name BLANCO Dakota/MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28 - 6 UNIT	⁶ Well Number 184N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6827'

¹⁰ Surface Location

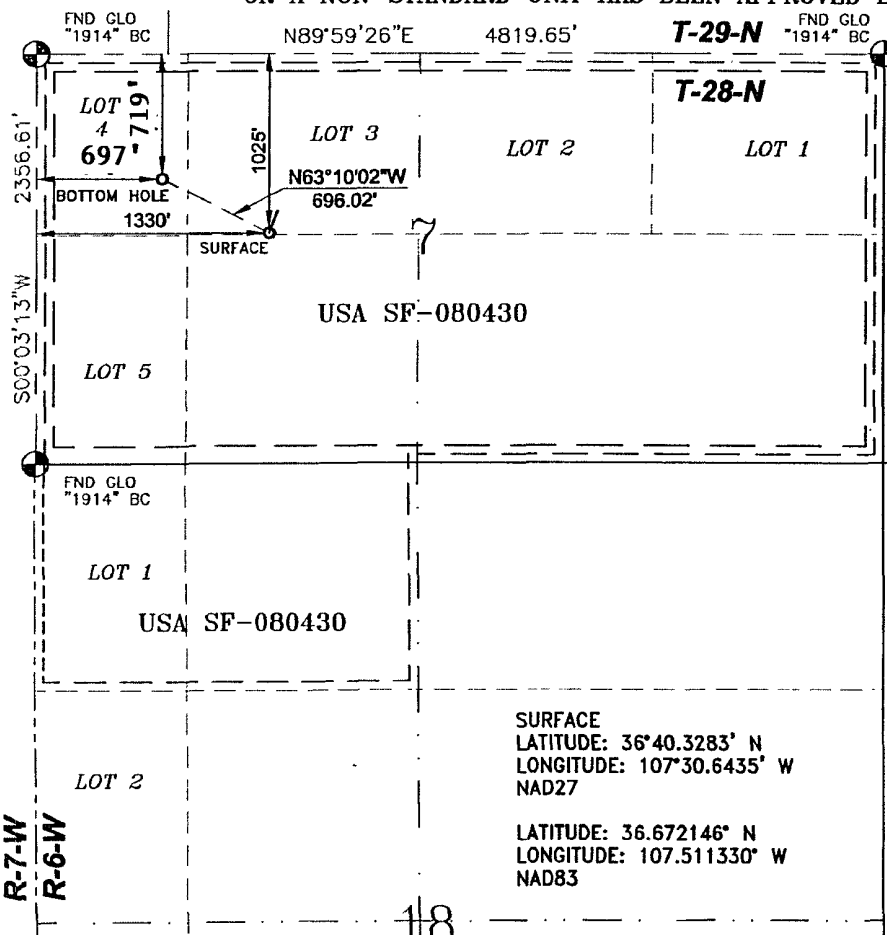
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	7	28-N	6-W		1025'	NORTH	1330'	WEST	RIO ARRIBA

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
L	7	28-N	6-W		719	NORTH	697	WEST	RIO ARRIBA

¹² Dedicated Acres MV 260.40 ACRES ALL DK 326.18 ACRES S/2 of Sec. 7 & Sec. 18 - Lot 1 & C)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-2948 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



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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 6/1/10
¹⁸ Signature
Crystal Tafoya 6/1/2010
Printed Name

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.

4-16-09
Date of Survey
Signature and Seal of Professional Surveyor
GEN W. RUSSELL
15703
Certificate Number
15703

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 28-6 UNIT #184N	API / UWI 3003930807	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 007-028N-006W-K	N/S Dist (ft) 1,025.00	N/S Ref FNL	E/W Dist (ft) 1,330.00	E/W Ref FWL

Survey Data

Date	MD (RKB)	Incl (°)	Method	Survey Company
3/7/2010	0.00	0.00	IncAzi-MWD	Scientific Drilling
3/4/2010	130.00	0.75	Inc-WL	MOTE
3/4/2010	234.00	1.25	Inc-WL	MOTE
3/7/2010	389.00	1.64	IncAzi-MWD	Scientific Drilling
3/7/2010	420.00	1.76	IncAzi-MWD	Scientific Drilling
3/7/2010	451.00	1.69	IncAzi-MWD	Scientific Drilling
3/7/2010	481.00	1.62	IncAzi-MWD	Scientific Drilling
3/7/2010	511.00	1.60	IncAzi-MWD	Scientific Drilling
3/7/2010	542.00	1.78	IncAzi-MWD	Scientific Drilling
3/7/2010	573.00	1.92	IncAzi-MWD	Scientific Drilling
3/7/2010	603.00	2.39	IncAzi-MWD	Scientific Drilling
3/7/2010	634.00	2.70	IncAzi-MWD	Scientific Drilling
3/7/2010	665.00	3.38	IncAzi-MWD	Scientific Drilling
3/7/2010	696.00	4.43	IncAzi-MWD	Scientific Drilling
3/7/2010	726.00	5.26	IncAzi-MWD	Scientific Drilling
3/7/2010	757.00	5.99	IncAzi-MWD	Scientific Drilling
3/7/2010	788.00	6.97	IncAzi-MWD	Scientific Drilling
3/7/2010	818.00	7.68	IncAzi-MWD	Scientific Drilling
3/7/2010	867.00	8.84	IncAzi-MWD	Scientific Drilling
3/7/2010	912.00	9.95	IncAzi-MWD	Scientific Drilling
3/7/2010	957.00	11.02	IncAzi-MWD	Scientific Drilling
3/7/2010	1,002.00	12.08	IncAzi-MWD	Scientific Drilling
3/7/2010	1,047.00	12.90	IncAzi-MWD	Scientific Drilling
3/7/2010	1,092.00	13.34	IncAzi-MWD	Scientific Drilling
3/7/2010	1,182.00	13.34	IncAzi-MWD	Scientific Drilling
3/8/2010	1,272.00	15.22	IncAzi-MWD	Scientific Drilling
3/8/2010	1,362.00	17.15	IncAzi-MWD	Scientific Drilling
3/8/2010	1,452.00	17.72	IncAzi-MWD	Scientific Drilling
3/8/2010	1,542.00	17.90	IncAzi-MWD	Scientific Drilling
3/9/2010	1,632.00	17.86	IncAzi-MWD	Scientific Drilling
3/9/2010	1,722.00	18.91	IncAzi-MWD	Scientific Drilling
3/9/2010	1,812.00	19.92	IncAzi-MWD	Scientific Drilling
3/9/2010	1,902.00	19.79	IncAzi-MWD	Scientific Drilling
3/9/2010	1,992.00	20.52	IncAzi-MWD	Scientific Drilling
3/9/2010	2,082.00	19.97	IncAzi-MWD	Scientific Drilling

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.

[Signature]

Subscribed and sworn to me this May 27, 2010

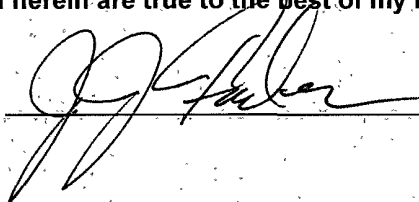
Notary Public in and for San Juan County, New Mexico

My Commission expires 10/2/2010

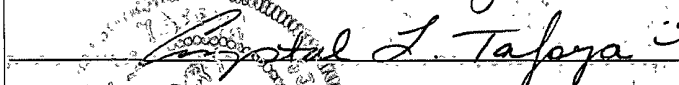
Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/9/2010	2,172.00	20.72	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,262.00	20.68	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,352.00	20.55	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,442.00	20.03	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,532.00	18.84	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,622.00	17.47	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,712.00	15.47	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,801.00	14.10	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,891.00	13.84	IncAzi-MWD	Scientific Drilling	
3/9/2010	2,981.00	12.90	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,071.00	10.91	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,116.00	9.85	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,161.00	8.83	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,206.00	8.13	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,251.00	7.17	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,296.00	5.75	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,386.00	3.22	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,476.00	2.56	IncAzi-MWD	Scientific Drilling	
3/9/2010	3,566.00	1.94	IncAzi-MWD	Scientific Drilling	
3/10/2010	3,656.00	1.36	IncAzi-MWD	Scientific Drilling	
3/10/2010	3,746.00	1.15	IncAzi-MWD	Scientific Drilling	
3/10/2010	3,836.00	1.25	IncAzi-MWD	Scientific Drilling	
3/10/2010	3,926.00	1.11	IncAzi-MWD	Scientific Drilling	
3/10/2010	3,971.00	1.09	IncAzi-MWD	Scientific Drilling	
3/10/2010	4,038.00	1.09	Projection	Scientific Drilling	
3/19/2010	8,139.00	1.25	Inc-WL	PHOENIX	

RCVD JUN 1 '10
OIL CONS. DIV.
DIST. 3

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 May 27, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD JUN 1 '10
OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 07-T28N-R6W

SJ 28-6 #184N

WAN.CDR.8292

Original Hole

API # 30-039-30807

Survey: Actual

Standard Survey Report

01 April, 2010

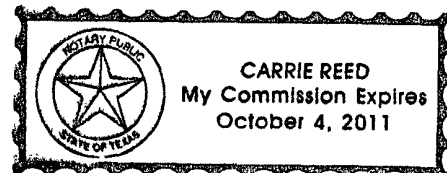
This survey is correct to the best of my knowledge and is supported by actual field data.

R. Wharton

Notorized this date 1st of April, 2010.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #184N
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6843.0ft (H&P 283)
Site:	SEC 07-T28N-R6W	MD Reference:	DFE @ 6843.0ft (H&P 283)
Well:	SJ 28-6 #184N	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 07-T28N-R6W			
Site Position:		Northing:	2,066,306 80 ft	Latitude: 36° 40' 19.698 N
From:	Lat/Long	Easting:	130,272 06 ft	Longitude: 107° 30' 38 610 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence: -0.75 °

Well	SJ 28-6 #184N, S-Type MV/DK Well			
Well Position	+N/-S	0.0 ft	Northing: 2,066,306 80 ft	Latitude: 36° 40' 19.698 N
	+E/-W	0.0 ft	Easting: 130,272.06 ft	Longitude: 107° 30' 38 610 W
Position Uncertainty		3.5 ft	Wellhead Elevation: ft	Ground Level: 6,827 0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	2/2/2010	9.94	63 52	50,885

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	295.80

Survey Program	Date	4/1/2010		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
389.0	3,971.0	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
389.0	1.64	175.15	388.9	-5.5	0.5	-2.8	0.42	0.42	0.00
420.0	1.76	172.19	419.9	-6.5	0.6	-3.3	0.48	0.39	-9.55
451.0	1.69	177.57	450.9	-7.4	0.7	-3.8	0.57	-0.23	17.35
481.0	1.62	174.50	480.9	-8.3	0.7	-4.2	0.38	-0.23	-10.23
511.0	1.60	177.18	510.9	-9.1	0.8	-4.7	0.26	-0.07	8.93
542.0	1.78	199.33	541.9	-10.0	0.6	-4.9	2.17	0.58	71.45
573.0	1.92	217.49	572.9	-10.8	0.2	-4.9	1.94	0.45	58.58
603.0	2.39	232.18	602.8	-11.6	-0.6	-4.5	2.41	1.57	48.97
634.0	2.70	238.98	633.8	-12.4	-1.8	-3.8	1.39	1.00	21.94
665.0	3.38	247.26	664.8	-13.1	-3.2	-2.8	2.61	2.19	26.71
696.0	4.43	252.86	695.7	-13.8	-5.2	-1.3	3.60	3.39	18.06
726.0	5.26	258.86	725.6	-14.4	-7.7	0.6	3.24	2.77	20.00

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #184N
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6843.0ft (H&P 283)
Site:	SEC 07-T28N-R6W	MD Reference:	DFE @ 6843.0ft (H&P 283)
Well:	SJ 28-6 #184N	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	edmCOP

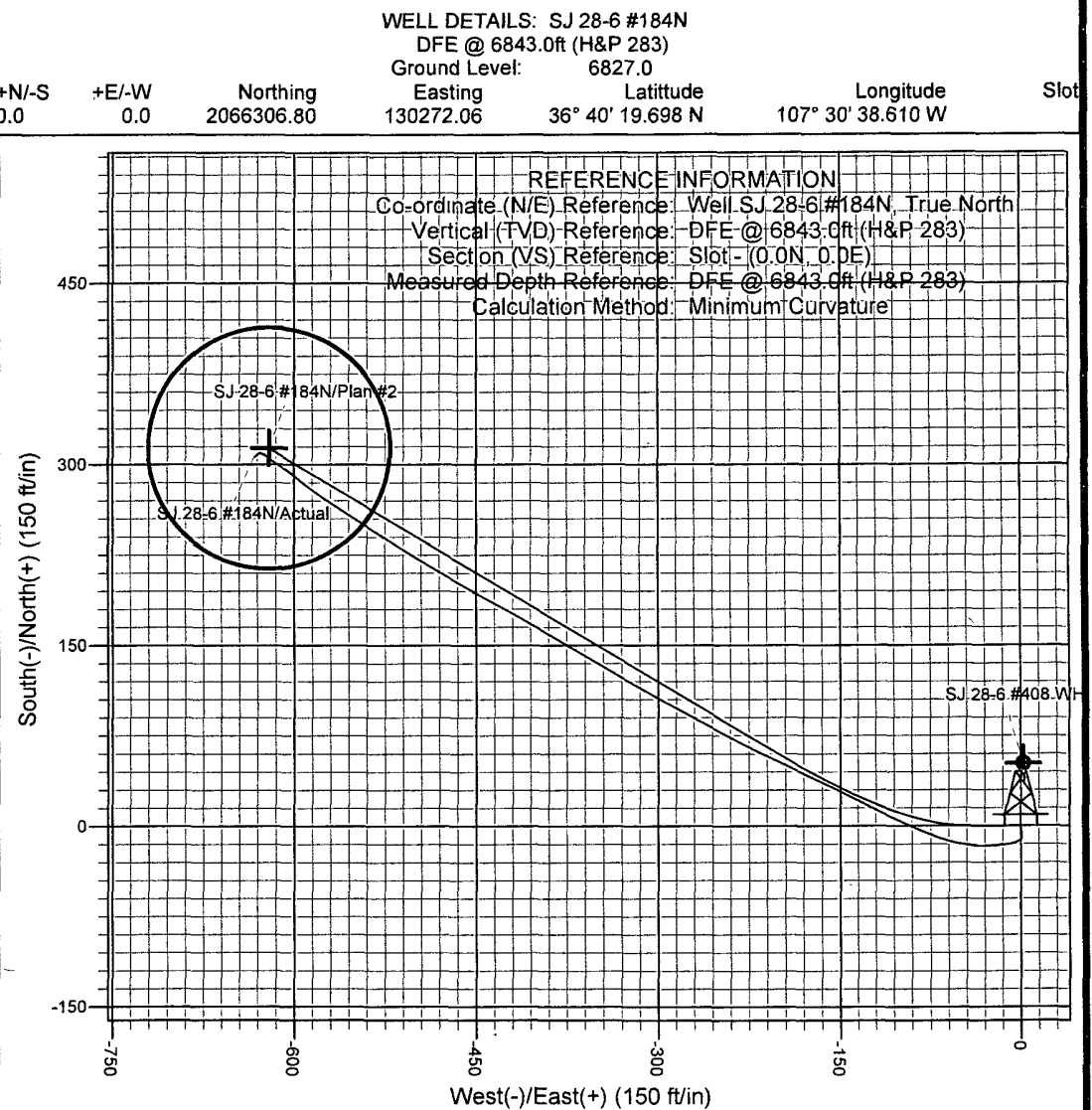
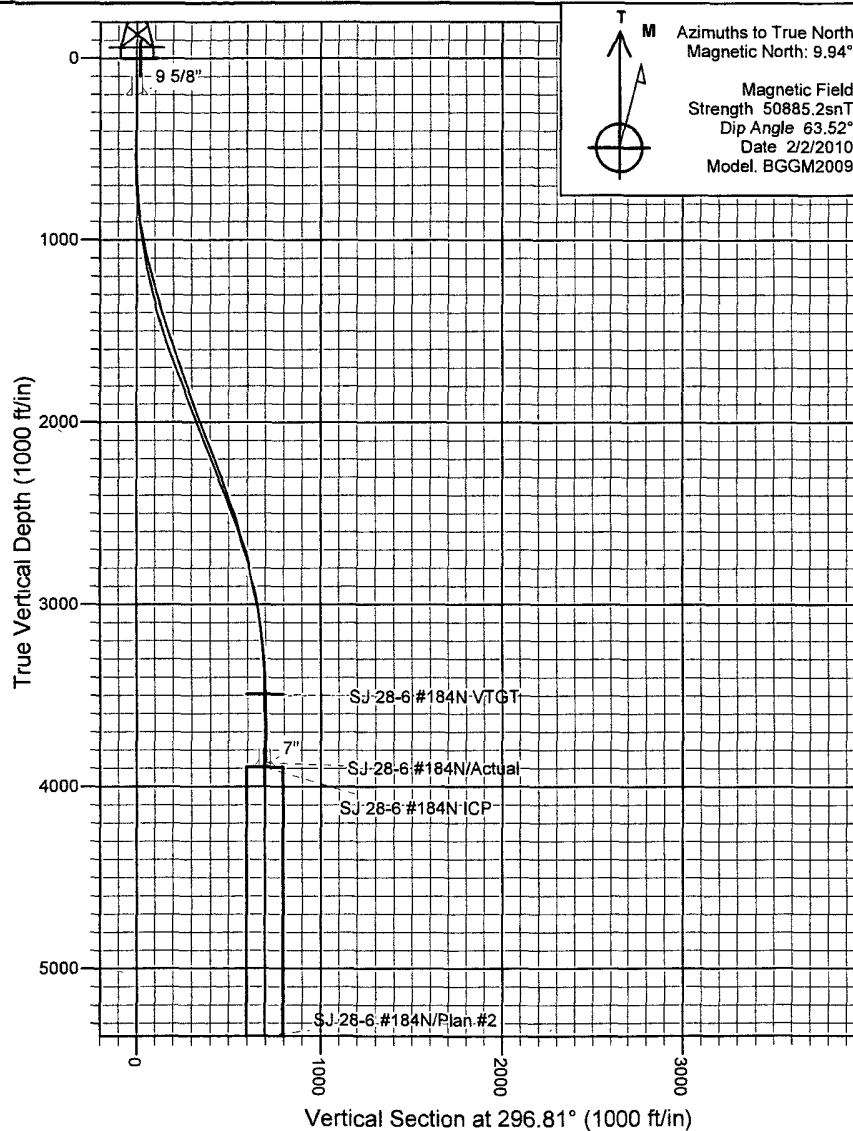
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
757.0	5.99	261.69	756.4	-15.0	-10.7	3.1	2.52	2.35	9.13
788.0	6.97	263.00	787.2	-15.4	-14.1	6.0	3.20	3.16	4.23
818.0	7.68	262.58	817.0	-15.9	-17.9	9.2	2.37	2.37	-1.40
867.0	8.84	267.93	865.5	-16.5	-25.0	15.3	2.84	2.37	10.92
912.0	9.95	270.84	909.9	-16.5	-32.3	21.9	2.68	2.47	6.47
957.0	11.02	275.92	954.1	-16.0	-40.5	29.5	3.14	2.38	11.29
1,002.0	12.08	279.59	998.2	-14.8	-49.4	38.0	2.87	2.36	8.16
1,047.0	12.90	285.06	1,042.2	-12.7	-58.9	47.5	3.20	1.82	12.16
1,092.0	13.34	289.90	1,086.0	-9.6	-68.6	57.6	2.63	0.98	10.76
1,182.0	13.34	294.98	1,173.6	-1.7	-87.8	78.3	1.30	0.00	5.64
1,272.0	15.22	295.71	1,260.8	7.8	-107.8	100.5	2.10	2.09	0.81
1,362.0	17.15	296.34	1,347.2	18.8	-130.4	125.6	2.15	2.14	0.70
1,452.0	17.72	295.87	1,433.1	30.7	-154.6	152.5	0.65	0.63	-0.52
1,542.0	17.90	296.24	1,518.8	42.8	-179.3	180.1	0.24	0.20	0.41
1,632.0	17.86	296.06	1,604.4	54.9	-204.1	207.7	0.08	-0.04	-0.20
1,722.0	18.91	297.95	1,689.8	67.8	-229.4	236.1	1.34	1.17	2.10
1,812.0	19.92	298.69	1,774.7	82.0	-255.7	266.0	1.16	1.12	0.82
1,902.0	19.79	297.71	1,859.3	96.5	-282.7	296.5	0.40	-0.14	-1.09
1,992.0	20.52	300.03	1,943.8	111.5	-309.8	327.5	1.20	0.81	2.58
2,082.0	19.97	300.86	2,028.3	127.2	-336.7	358.5	0.69	-0.61	0.92
2,172.0	20.72	301.05	2,112.7	143.3	-363.5	389.7	0.84	0.83	0.21
2,262.0	20.68	300.43	2,196.9	159.6	-390.9	421.4	0.25	-0.04	-0.69
2,352.0	20.55	299.82	2,281.1	175.5	-418.3	452.9	0.28	-0.14	-0.68
2,442.0	20.03	299.15	2,365.5	190.9	-445.4	484.1	0.63	-0.58	-0.74
2,532.0	18.84	300.39	2,450.4	205.7	-471.4	514.0	1.40	-1.32	1.38
2,622.0	17.47	301.97	2,535.9	220.2	-495.4	541.9	1.62	-1.52	1.76
2,712.0	15.47	302.38	2,622.2	233.8	-517.0	567.2	2.23	-2.22	0.46
2,801.0	14.10	302.23	2,708.2	245.9	-536.2	589.8	1.54	-1.54	-0.17
2,891.0	13.84	303.32	2,795.6	257.7	-554.5	611.4	0.41	-0.29	1.21
2,981.0	12.90	304.31	2,883.1	269.3	-571.8	632.0	1.07	-1.04	1.10
3,071.0	10.91	307.77	2,971.2	280.2	-586.8	650.2	2.35	-2.21	3.84
3,116.0	9.85	308.88	3,015.5	285.2	-593.2	658.2	2.40	-2.36	2.47
3,161.0	8.83	310.41	3,059.9	289.8	-598.8	665.3	2.33	-2.27	3.40
3,206.0	8.13	307.11	3,104.4	294.0	-604.0	671.7	1.89	-1.56	-7.33
3,251.0	7.17	301.87	3,149.0	297.4	-608.9	677.6	2.63	-2.13	-11.64
3,296.0	5.75	302.02	3,193.7	300.1	-613.2	682.7	3.16	-3.16	0.33
3,386.0	3.22	307.98	3,283.4	304.0	-619.0	689.6	2.85	-2.81	6.62
3,476.0	2.56	307.32	3,373.3	306.8	-622.6	694.1	0.73	-0.73	-0.73
3,566.0	1.94	301.33	3,463.2	308.8	-625.5	697.5	0.74	-0.69	-6.66
3,656.0	1.36	273.83	3,553.2	309.7	-627.9	700.1	1.07	-0.64	-30.56
3,746.0	1.15	228.82	3,643.2	309.2	-629.6	701.4	1.09	-0.23	-50.01
3,836.0	1.25	227.44	3,733.1	307.9	-631.0	702.1	0.12	0.11	-1.53
3,926.0	1.11	224.02	3,823.1	306.6	-632.3	702.7	0.17	-0.16	-3.80
3,971.0	1.09	233.76	3,868.1	306.0	-633.0	703.1	0.42	-0.04	21.64



Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
SEC 07-T28N-R6W
Well: SJ 28-6 #184N
Wellbore: Original Hole
Design: Plan #2
Site:

ConocoPhillips



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 07-T28N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 40' 19.698 N
Longitude: 107° 30' 38.610 W
Positional Uncertainty: 0.0
Convergence: -0.75
Local North: True