

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

DISTRICT II
1301 W. 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

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION

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

AS DRILLED PLAT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30884		² Pool Code 71599/72319		³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
⁴ Property Code 31739		⁵ Property Name SAN JUAN 28-7 UNIT			⁶ Well Number 254 N
⁷ GRID No. 217817		⁸ Operator Name CONOCOPHILLIPS COMPANY			⁹ Elevation 6285'

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
C	6	27N	7W	3	962'	NORTH	1793'	WEST	RIO ARriba

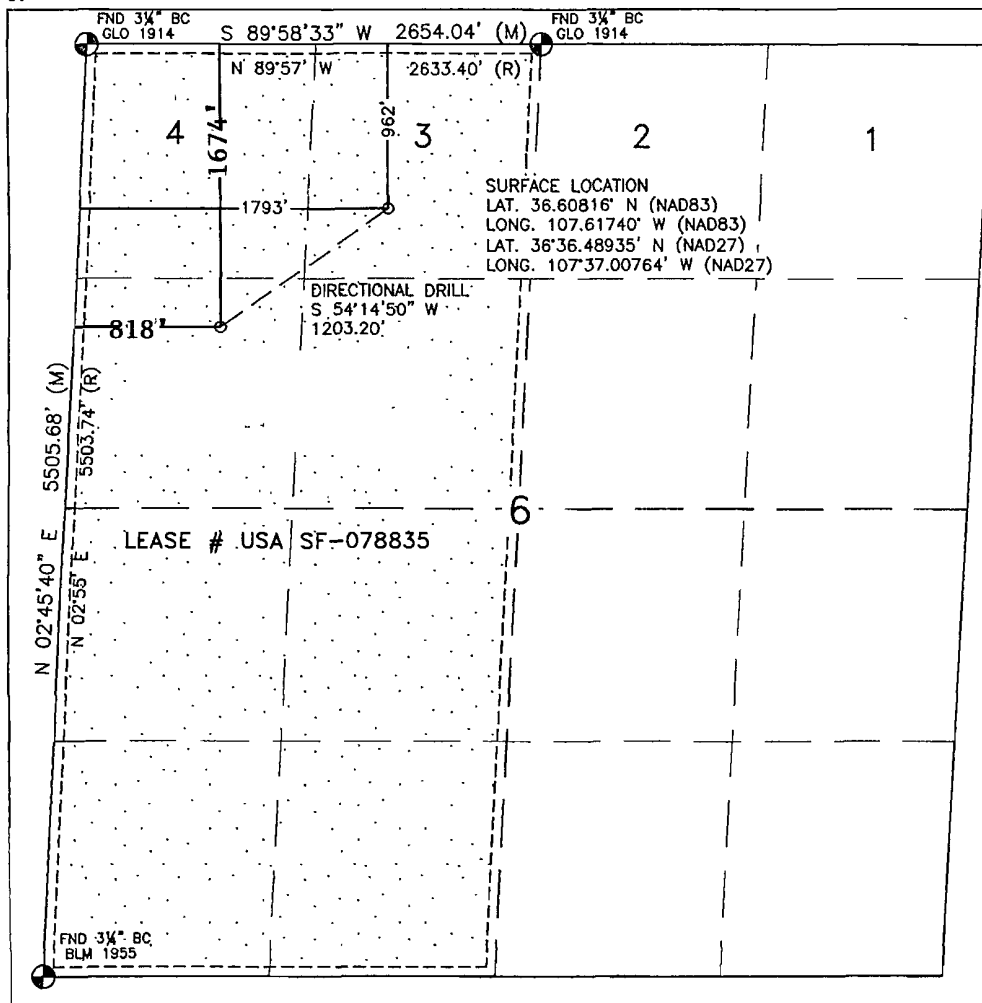
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	6	27N	7W		1674'	NORTH	818'	WEST	RIO ARriba

¹² Dedicated Acres 320.20 Acres - (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 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.

Signature: Marie E. Jaramillo
Date: 5/12/11

Printed Name: Marie E. Jaramillo

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.

SEPTEMBER 5, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

Signature: David R. Russell



DAVID RUSSELL

Certificate Number

10201

COP Deviation Report
SAN JUAN 28-7 UNIT #254N

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 28-7 UNIT #254N	API / UWI 3003930884	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 006-027N-007W-C	N/S Dist (ft) 962.00	N/S Ref FNL	E/W Dist (ft) 1,793.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl. (°)	Method	Survey Company
12/27/2010	129.00	1.00	Inc-Drop	MO-TE DRILLING INC
12/27/2010	238.00	1.50	Inc-Drop	MO-TE DRILLING INC
1/3/2011	261.00	1.47	IncAzi-MWD	Scientific Drilling
1/3/2011	291.00	1.38	IncAzi-MWD	Scientific Drilling
1/3/2011	322.00	1.33	IncAzi-MWD	Scientific Drilling
1/3/2011	353.00	1.77	IncAzi-MWD	Scientific Drilling
1/3/2011	384.00	2.47	IncAzi-MWD	Scientific Drilling
1/3/2011	415.00	3.42	IncAzi-MWD	Scientific Drilling
1/3/2011	446.00	4.13	IncAzi-MWD	Scientific Drilling
1/3/2011	476.00	5.14	IncAzi-MWD	Scientific Drilling
1/3/2011	507.00	6.01	IncAzi-MWD	Scientific Drilling
1/3/2011	538.00	6.84	IncAzi-MWD	Scientific Drilling
1/3/2011	569.00	7.54	IncAzi-MWD	Scientific Drilling
1/3/2011	631.00	8.81	IncAzi-MWD	Scientific Drilling
1/4/2011	692.00	10.44	IncAzi-MWD	Scientific Drilling
1/4/2011	754.00	12.08	IncAzi-MWD	Scientific Drilling
1/4/2011	816.00	14.01	IncAzi-MWD	Scientific Drilling
1/4/2011	877.00	16.13	IncAzi-MWD	Scientific Drilling
1/4/2011	939.00	17.07	IncAzi-MWD	Scientific Drilling
1/4/2011	1,037.00	19.01	IncAzi-MWD	Scientific Drilling
1/4/2011	1,100.00	19.46	IncAzi-MWD	Scientific Drilling
1/4/2011	1,163.00	21.33	IncAzi-MWD	Scientific Drilling
1/4/2011	1,226.00	22.72	IncAzi-MWD	Scientific Drilling
1/4/2011	1,290.00	23.96	IncAzi-MWD	Scientific Drilling
1/4/2011	1,353.00	25.55	IncAzi-MWD	Scientific Drilling
1/4/2011	1,417.00	26.62	IncAzi-MWD	Scientific Drilling
1/4/2011	1,480.00	27.74	IncAzi-MWD	Scientific Drilling
1/4/2011	1,542.00	28.70	IncAzi-MWD	Scientific Drilling
1/4/2011	1,606.00	28.92	IncAzi-MWD	Scientific Drilling
1/4/2011	1,670.00	29.44	IncAzi-MWD	Scientific Drilling
1/4/2011	1,733.00	28.87	IncAzi-MWD	Scientific Drilling
1/4/2011	1,796.00	29.21	IncAzi-MWD	Scientific Drilling
1/4/2011	1,859.00	29.07	IncAzi-MWD	Scientific Drilling
1/4/2011	1,923.00	29.01	IncAzi-MWD	Scientific Drilling
1/5/2011	1,986.00	29.26	IncAzi-MWD	Scientific Drilling
1/5/2011	2,048.00	29.17	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.

B

Subscribed and sworn to me this _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



COP Deviation Report
SAN JUAN 28-7 UNIT #254N

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
1/5/2011	2,111.00	29.59	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,175.00	29.95	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,238.00	30.22	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,301.00	30.61	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,364.00	31.11	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,427.00	31.59	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,490.00	31.70	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,553.00	30.49	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,617.00	28.95	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,679.00	27.91	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,743.00	27.54	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,806.00	26.92	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,870.00	24.77	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,932.00	23.11	IncAzi-MWD	Scientific Drilling	
1/5/2011	2,995.00	21.71	IncAzi-MWD	Scientific Drilling	
1/5/2011	3,059.00	20.25	IncAzi-MWD	Scientific Drilling	
1/5/2011	3,122.00	18.01	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,185.00	16.67	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,249.00	15.94	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,312.00	15.26	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,375.00	13.90	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,438.00	13.24	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,502.00	12.12	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,565.00	10.04	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,629.00	8.18	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,692.00	6.31	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,756.00	4.13	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,810.00	2.73	IncAzi-MWD	Scientific Drilling	
1/6/2011	3,868.00	2.73	Projection	Scientific Drilling	
1/17/2011	7,417.00	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.

Ben Tolman

Subscribed and sworn to me this 5/12/11

Maria Juarez

Notary Public in and for San Juan County, New Mexico

My Commission expires 7/22/14

ConocoPhillips

SJB (NM Central)
SEC 06-T27N-R7W
SJ 28-7 #254N

Original Hole

Survey: Actual

API # 3003930884

Standard Survey Report

24 January, 2011



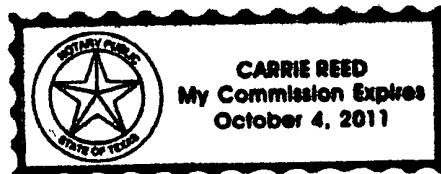
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notarized this date 24th of January, 2011.

Carrie Reed

Notary Signature
County of Midland
State of Texas

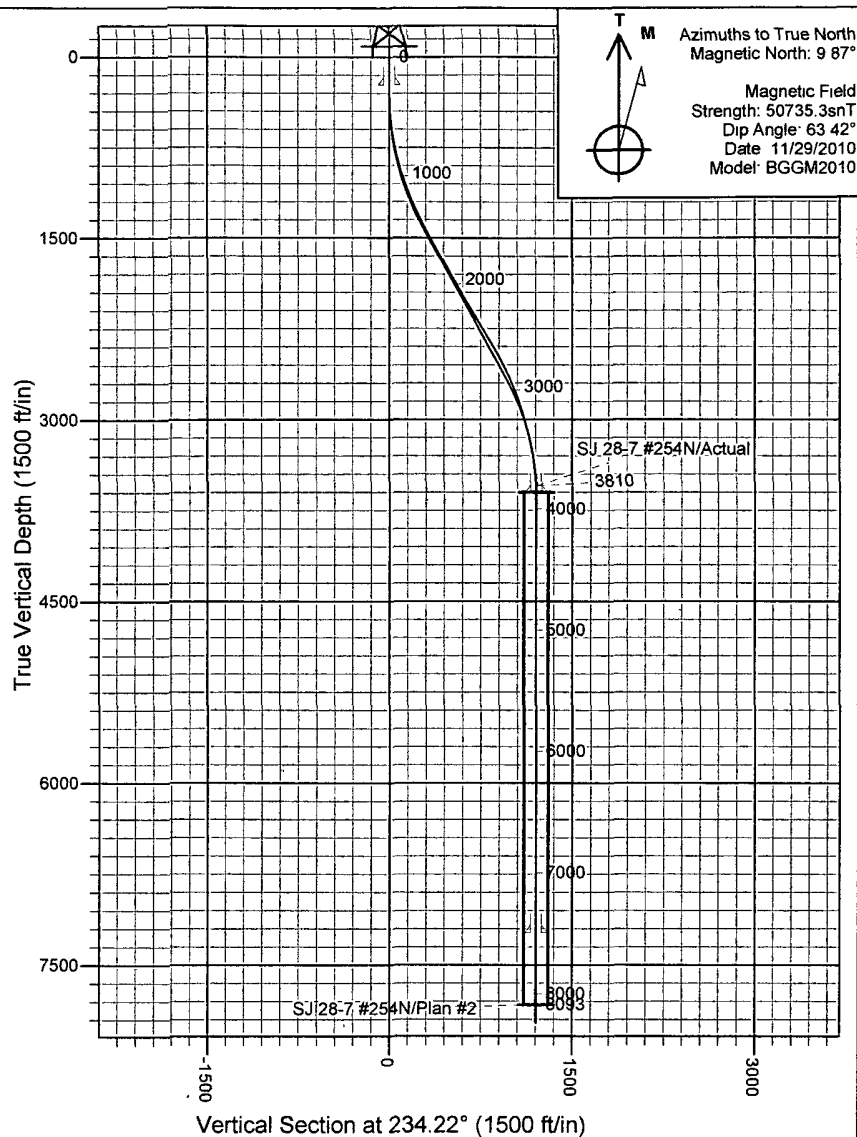




Scientific Drilling
Directional Drilling Operations

Project: SJB (NM Central)
Site: SEC 06-T27N-R7W
Well: SJ 28-7 #254N
Wellbore: Original Hole
Design: Plan #2

ConocoPhillips



Azimuths to True North
Magnetic North: 9 87°
Magnetic Field
Strength: 50735.3snT
Dip Angle: 63 42°
Date: 11/29/2010
Model: BGGM2010

+N/-S
0.0

+E/-W
0.0

Northing
2043439.29

WELL DETAILS: SJ 28-7 #254N
AWS 673 @ 6300.0ft (AWS 673)
Ground Level: 6285.0
Easting
98832.30

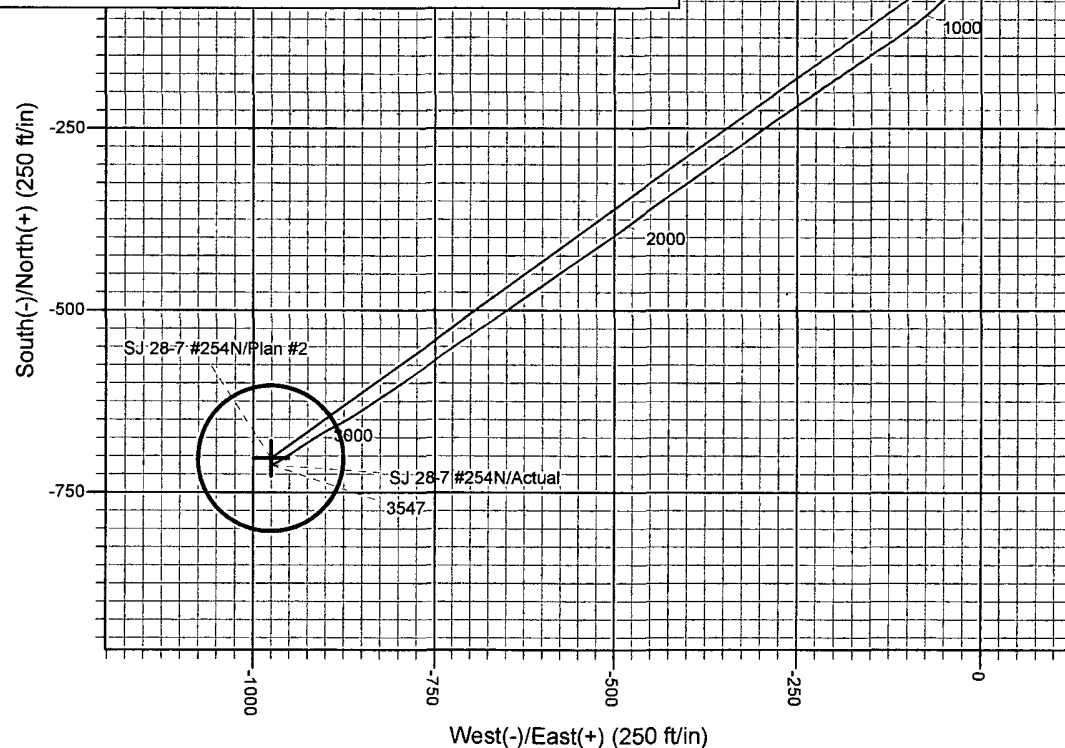
Latitude
36° 36' 29.361 N

Longitude
107° 37' 0.458 W

Slot

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well SJ 28-7 #254N, True North
Vertical (TVD) Reference: AWS 673 @ 6300.0ft (AWS 673)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 673 @ 6300.0ft (AWS 673)
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 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 06-T27N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 36' 30.259 N
Longitude: 107° 36' 30.200 W
Positional Uncertainty: 0.0
Convergence: -0.81
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-7 #254N
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6300.0ft (AWS 673)
Site:	SEC 06-T27N-R7W	MD Reference:	AWS 673 @ 6300.0ft (AWS 673)
Well:	SJ 28-7 #254N	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 06-T27N-R7W		
Site Position:		Northing:	2,043,495.13 ft
From:	Lat/Long	Easting:	101,300.72 ft
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"
		Latitude:	36° 36' 30.259 N
		Longitude:	107° 36' 30.200 W
		Grid Convergence:	-0.81 °

Well	SJ 28-7 #254N, S-Type MV/DK Well		
Well Position	+N/-S	0.0 ft	Northing: 2,043,439.29 ft
	+E/-W	0.0 ft	Easting: 98,832.30 ft
Position Uncertainty	3.5 ft	Wellhead Elevation:	ft
		Latitude:	36° 36' 29.361 N
		Longitude:	107° 37' 0.458 W
		Ground Level:	6,285.0 ft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
	BGGM2010	11/29/2010	(°) 9.87
			Dip Angle (°) 63.42
			Field Strength (nT) 50,735

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 (°) 233.84

Survey Program	Date	1/24/2011		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
261.0	3,810.0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1.0.1

Survey										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate	
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
261.0	1.47	136.11	261.0	-2.4	2.3	-0.5	0.56	0.56	0.00	
291.0	1.38	136.42	291.0	-3.0	2.8	-0.5	0.30	-0.30	1.03	
322.0	1.33	168.99	322.0	-3.6	3.2	-0.4	2.46	-0.16	105.06	
353.0	1.77	188.01	352.9	-4.4	3.2	0.0	2.17	1.42	61.35	
384.0	2.47	200.47	383.9	-5.5	2.9	0.9	2.69	2.26	40.19	
415.0	3.42	205.81	414.9	-7.0	2.2	2.3	3.19	3.06	17.23	
446.0	4.13	208.50	445.8	-8.8	1.3	4.1	2.36	2.29	8.68	
476.0	5.14	211.85	475.7	-10.9	0.1	6.4	3.48	3.37	11.17	
507.0	6.01	213.73	506.6	-13.4	-1.6	9.2	2.87	2.81	6.06	
538.0	6.84	213.58	537.4	-16.3	-3.5	12.4	2.68	2.68	-0.48	
569.0	7.54	213.80	568.1	-19.5	-5.6	16.1	2.26	2.26	0.71	
631.0	8.81	213.73	629.5	-26.8	-10.5	24.3	2.05	2.05	-0.11	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-7 #254N
Project:	SJB (NM Central)	TVD Reference:	AWS 673 @ 6300.0ft (AWS 673)
Site:	SEC 06-T27N-R7W	MD Reference:	AWS 673 @ 6300.0ft (AWS 673)
Well:	SJ 28-7 #254N	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)
692.0	10.44	217.11	689.6	-35.1	-16.5	34.0	2.83	2.67	5.54
754.0	12.08	222.30	750.4	-44.4	-24.2	45.8	3.11	2.65	8.37
816.0	14.01	223.62	810.8	-54.6	-33.8	59.5	3.15	3.11	2.13
877.0	16.13	224.90	869.7	-66.0	-44.8	75.1	3.52	3.48	2.10
939.0	17.07	227.00	929.2	-78.3	-57.6	92.7	1.80	1.52	3.39
1,037.0	19.01	230.49	1,022.3	-98.3	-80.4	122.9	2.27	1.98	3.56
1,100.0	19.46	232.22	1,081.8	-111.2	-96.6	143.6	1.15	0.71	2.75
1,163.0	21.33	233.68	1,140.9	-124.4	-114.2	165.6	3.08	2.97	2.32
1,226.0	22.72	237.05	1,199.3	-137.8	-133.6	189.2	2.98	2.21	5.35
1,290.0	23.96	236.54	1,258.0	-151.7	-154.8	214.5	1.96	1.94	-0.80
1,353.0	25.55	234.11	1,315.2	-166.8	-176.5	240.9	3.00	2.52	-3.86
1,417.0	26.62	234.95	1,372.7	-183.1	-199.4	269.0	1.77	1.67	1.31
1,480.0	27.74	235.31	1,428.8	-199.5	-223.0	297.8	1.80	1.78	0.57
1,542.0	28.70	235.98	1,483.4	-216.1	-247.2	327.1	1.63	1.55	1.08
1,606.0	28.92	235.12	1,539.5	-233.5	-272.7	357.9	0.73	0.34	-1.34
1,670.0	29.44	233.10	1,595.4	-251.8	-297.9	389.1	1.74	0.81	-3.16
1,733.0	28.87	234.47	1,650.4	-269.9	-322.7	419.8	1.39	-0.90	2.17
1,796.0	29.21	234.24	1,705.5	-287.8	-347.5	450.4	0.57	0.54	-0.37
1,859.0	29.07	234.28	1,760.5	-305.7	-372.4	481.1	0.22	-0.22	0.06
1,923.0	29.01	235.00	1,816.4	-323.7	-397.8	512.1	0.55	-0.09	1.13
1,986.0	29.26	234.36	1,871.5	-341.4	-422.8	542.8	0.63	0.40	-1.02
2,048.0	29.17	234.21	1,925.6	-359.1	-447.4	573.1	0.19	-0.15	-0.24
2,111.0	29.59	233.42	1,980.5	-377.3	-472.3	604.0	0.91	0.67	-1.25
2,175.0	29.95	234.95	2,036.0	-395.9	-498.1	635.7	1.31	0.56	2.39
2,238.0	30.22	236.02	2,090.5	-413.8	-524.1	667.3	0.95	0.43	1.70
2,301.0	30.61	235.56	2,144.9	-431.7	-550.5	699.2	0.72	0.62	-0.73
2,364.0	31.11	235.24	2,198.9	-450.1	-577.1	731.5	0.84	0.79	-0.51
2,427.0	31.59	235.42	2,252.8	-468.7	-604.0	764.3	0.78	0.76	0.29
2,490.0	31.70	235.24	2,306.4	-487.5	-631.2	797.3	0.23	0.17	-0.29
2,553.0	30.49	235.16	2,360.3	-506.1	-657.9	829.8	1.92	-1.92	-0.13
2,617.0	28.95	237.17	2,415.9	-523.8	-684.3	861.5	2.87	-2.41	3.14
2,679.0	27.91	237.17	2,470.4	-539.8	-709.1	891.0	1.68	-1.68	0.00
2,743.0	27.54	234.45	2,527.1	-556.5	-733.7	920.7	2.06	-0.58	-4.25
2,806.0	26.92	234.45	2,583.1	-573.3	-757.2	949.6	0.98	-0.98	0.00
2,870.0	24.77	234.65	2,640.7	-589.4	-779.9	977.5	3.36	-3.36	0.31
2,932.0	23.11	235.62	2,697.4	-603.8	-800.5	1,002.6	2.75	-2.68	1.56
2,995.0	21.71	236.75	2,755.6	-617.2	-820.5	1,026.6	2.32	-2.22	1.79
3,059.0	20.25	235.71	2,815.4	-629.9	-839.5	1,049.5	2.35	-2.28	-1.63
3,122.0	18.01	236.23	2,874.9	-641.5	-856.6	1,070.1	3.57	-3.56	0.83
3,185.0	16.67	241.38	2,935.0	-651.2	-872.7	1,088.8	3.23	-2.13	8.17
3,249.0	15.94	242.63	2,996.4	-659.7	-888.5	1,106.6	1.27	-1.14	1.95
3,312.0	15.26	239.12	3,057.1	-667.9	-903.3	1,123.4	1.85	-1.08	-5.57
3,375.0	13.90	238.46	3,118.1	-676.1	-916.9	1,139.2	2.17	-2.16	-1.05
3,438.0	13.24	236.09	3,179.3	-684.1	-929.3	1,154.0	1.37	-1.05	-3.76
3,502.0	12.12	236.08	3,241.8	-691.9	-941.0	1,168.0	1.75	-1.75	-0.02
3,565.0	10.04	236.91	3,303.6	-698.6	-951.1	1,180.1	3.31	-3.30	1.32
3,629.0	8.18	236.33	3,366.8	-704.2	-959.5	1,190.2	2.91	-2.91	-0.91
3,692.0	6.31	240.37	3,429.3	-708.4	-966.3	1,198.1	3.07	-2.97	6.41
3,756.0	4.13	245.35	3,493.0	-711.1	-971.4	1,203.9	3.48	-3.41	7.78
3,810.0	2.73	256.41	3,546.9	-712.2	-974.5	1,207.0	2.86	-2.59	20.48