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

"AS DRILLED PLAT"

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-30631	71599 / 72319	BASIN DAKOTA/BLANCO MESAVERDE

[4] Property Code	[5] Property Name	[6] Well Number
31739	SAN JUAN 28-7 UNIT	153M

[7] OGRID No.	[8] Operator Name	[9] Elevation
217817	CONOCOPHILLIPS COMPANY	6571'

[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
I	20	27-N	7-W		1530'	SOUTH	770'	EAST	RIO ARRIBA

[11] Bottom Hole Location If Different From Surface

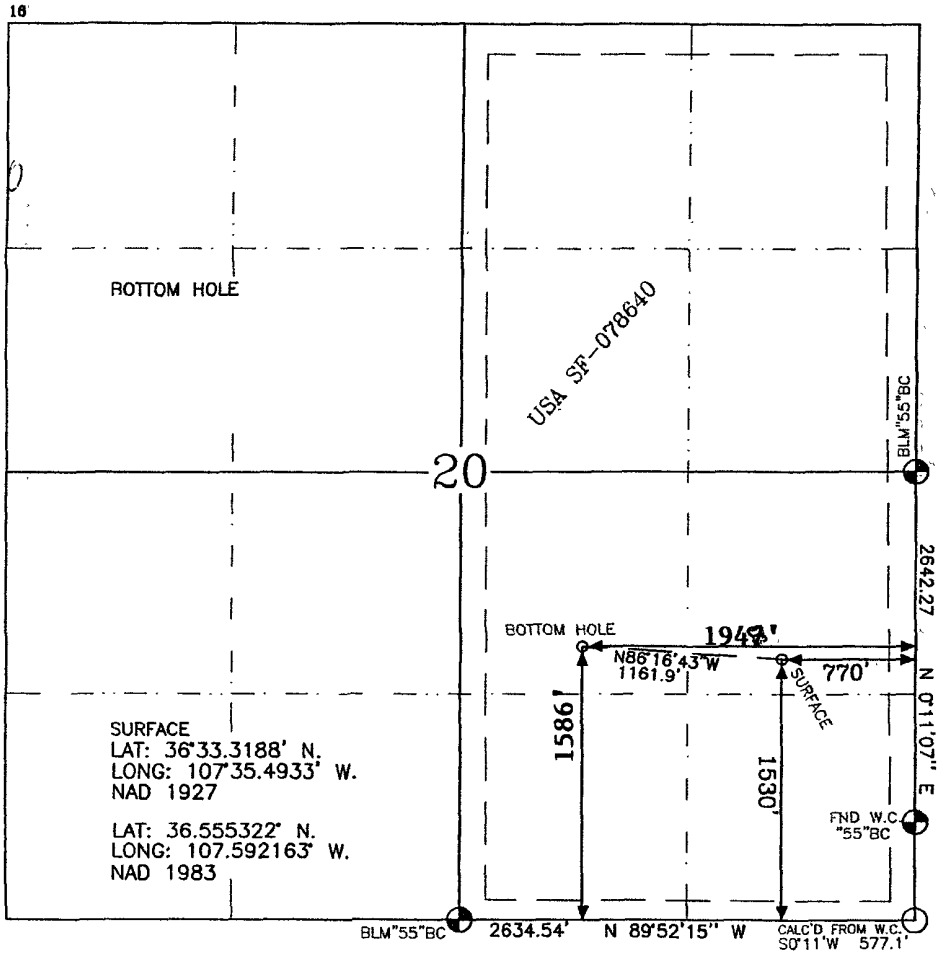
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	27-N	7-W		1586	SOUTH	1940	EAST	RIO ARRIBA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
DK 320.0 ACRES E/2 MV 320.0 ACRES E/2			

RCVD JUL 23'10
OIL CONS. DIV.
DIST. 3

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 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 7/21/10
Signature

Crystal Tafoya 7/21/10
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.

8-28-08
Date of Survey

Signature and Seal of Professional Surveyor:

GLEN W. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

Certificate Number 15703

ConocoPhillips

COP Deviation Report

SAN JUAN 28-7 UNIT #153M

Operator	Legal WellName	API / UWI	County	State/Province
CONOCOPHILLIPS COMPANY	SAN JUAN 28-7 UNIT #153M	3003930631	RIO ARRIBA	NEW MEXICO

Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
020-027N-007W-I	1,530 00	FSL	770.00	FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
1/8/2010	0.00	0.00	IncAzi-MWD	Scientific Drilling
1/4/2010	150.00	1.00	Inc-Drop	MOTE
1/4/2010	356.00	1.50	Inc-Drop	MOTE
1/8/2010	362.00	0.84	IncAzi-MWD	Scientific Drilling
1/8/2010	424.00	1.52	IncAzi-MWD	Scientific Drilling
1/8/2010	485.00	3.66	IncAzi-MWD	Scientific Drilling
1/8/2010	546.00	5.20	IncAzi-MWD	Scientific Drilling
1/8/2010	608.00	7.10	IncAzi-MWD	Scientific Drilling
1/8/2010	669.00	8.92	IncAzi-MWD	Scientific Drilling
1/8/2010	731.00	10.45	IncAzi-MWD	Scientific Drilling
1/8/2010	792.00	11.61	IncAzi-MWD	Scientific Drilling
1/8/2010	854.00	13.14	IncAzi-MWD	Scientific Drilling
1/8/2010	948.00	14.00	IncAzi-MWD	Scientific Drilling
1/8/2010	1,038.00	14.45	IncAzi-MWD	Scientific Drilling
1/8/2010	1,128.00	15.66	IncAzi-MWD	Scientific Drilling
1/8/2010	1,218.00	16.71	IncAzi-MWD	Scientific Drilling
1/8/2010	1,308.00	17.16	IncAzi-MWD	Scientific Drilling
1/8/2010	1,398.00	18.08	IncAzi-MWD	Scientific Drilling
1/8/2010	1,487.00	18.92	IncAzi-MWD	Scientific Drilling
1/8/2010	1,577.00	20.34	IncAzi-MWD	Scientific Drilling
1/8/2010	1,668.00	21.03	IncAzi-MWD	Scientific Drilling
1/8/2010	1,758.00	22.47	IncAzi-MWD	Scientific Drilling
1/8/2010	1,847.00	23.50	IncAzi-MWD	Scientific Drilling
1/8/2010	1,937.00	23.62	IncAzi-MWD	Scientific Drilling
1/8/2010	2,027.00	22.71	IncAzi-MWD	Scientific Drilling
1/8/2010	2,117.00	24.60	IncAzi-MWD	Scientific Drilling
1/8/2010	2,207.00	25.30	IncAzi-MWD	Scientific Drilling
1/8/2010	2,298.00	25.87	IncAzi-MWD	Scientific Drilling
1/8/2010	2,387.00	25.97	IncAzi-MWD	Scientific Drilling
1/8/2010	2,477 00	25.71	IncAzi-MWD	Scientific Drilling
1/8/2010	2,567.00	25.19	IncAzi-MWD	Scientific Drilling
1/8/2010	2,657 00	24.88	IncAzi-MWD	Scientific Drilling
1/8/2010	2,747.00	23 13	IncAzi-MWD	Scientific Drilling
1/8/2010	2,837 00	21.88	IncAzi-MWD	Scientific Drilling
1/8/2010	2,927 00	20.73	IncAzi-MWD	Scientific Drilling
1/9/2010	3,017.00	20 02	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.

_____

Subcribed and sworn to me this _____

_____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____

Report Printed: 7/21/2010

ConocoPhillips

COP Deviation Report

SAN JUAN 28-7 UNIT #153M

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
1/9/2010	3,107.00	20.18	IncAzi-MWD	Scientific Drilling
1/9/2010	3,197.00	20 71	IncAzi-MWD	Scientific Drilling
1/9/2010	3,287.00	20.73	IncAzi-MWD	Scientific Drilling
1/9/2010	3,377.00	18.98	IncAzi-MWD	Scientific Drilling
1/9/2010	3,467.00	17 63	IncAzi-MWD	Scientific Drilling
1/9/2010	3,557.00	15.97	IncAzi-MWD	Scientific Drilling
1/9/2010	3,647.00	13.67	IncAzi-MWD	Scientific Drilling
1/9/2010	3,737.00	11.99	IncAzi-MWD	Scientific Drilling
1/9/2010	3,827.00	10.47	IncAzi-MWD	Scientific Drilling
1/9/2010	3,917.00	9.34	IncAzi-MWD	Scientific Drilling
1/9/2010	4,006.00	8.45	IncAzi-MWD	Scientific Drilling
1/9/2010	4,096.00	7.49	IncAzi-MWD	Scientific Drilling
1/9/2010	4,186.00	7.27	IncAzi-MWD	Scientific Drilling
1/9/2010	4,276.00	5.61	IncAzi-MWD	Scientific Drilling
1/9/2010	4,366.00	3.46	IncAzi-MWD	Scientific Drilling
1/9/2010	4,456.00	3.37	IncAzi-MWD	Scientific Drilling
1/9/2010	4,546.00	3.11	IncAzi-MWD	Scientific Drilling
1/9/2010	4,636.00	2.88	IncAzi-MWD	Scientific Drilling
1/9/2010	4,726.00	2.99	IncAzi-MWD	Scientific Drilling
1/9/2010	4,816.00	2.89	IncAzi-MWD	Scientific Drilling
1/9/2010	4,906.00	2.72	IncAzi-MWD	Scientific Drilling
1/9/2010	4,968.00	2.54	IncAzi-MWD	Scientific Drilling
1/18/2010	7,620.00	0.50	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.

Subcribed and sworn to me this July 21, 2010

Crystal L. Tafoya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

ConocoPhillips

SJB (NM Central)
SEC 20-T27N-R7W
SJ 28-7 #153M

Original Hole

API # 30.039.30631

Survey: Actual

Standard Survey Report

17 February, 2010

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

Notorized this date 19th of February, 2010.

Notary Signature
County of Midland
State of Texas

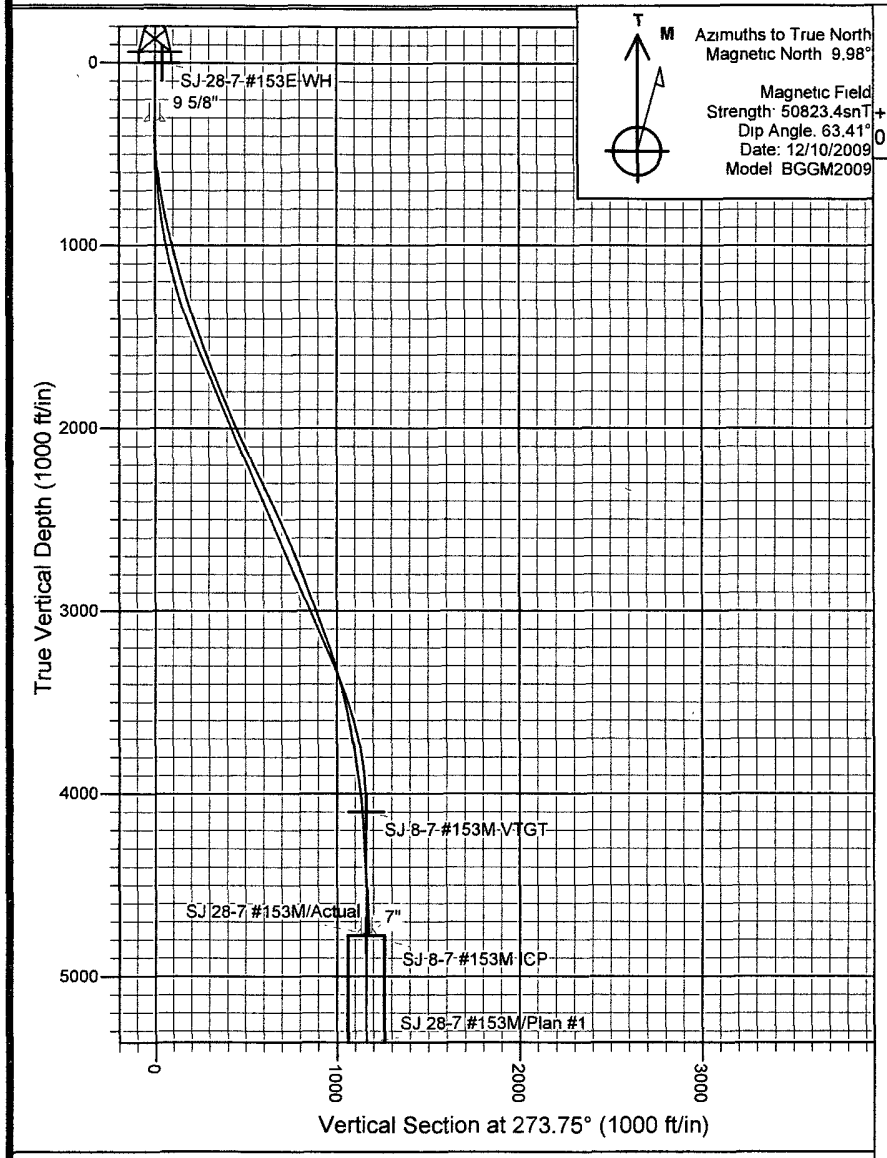
NOTARY PUBLIC STATE OF TEXAS

CARRIE REED
My Commission Expires
October 4, 2011

Scientific Drilling
Directional Drilling Operations

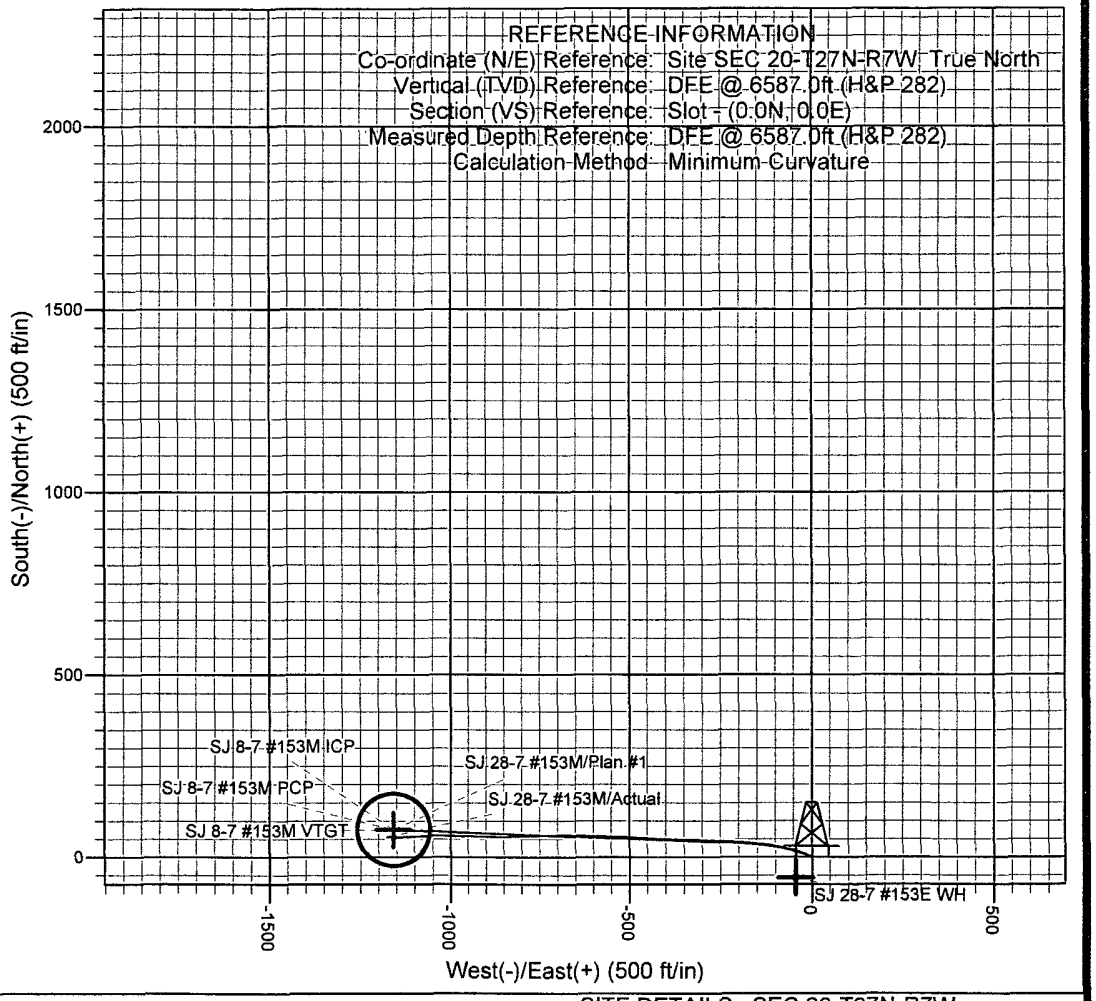
Project: SJB (NM Central)
Site: SEC 20-T27N-R7W
Well: SJ 28-7 #153M
Wellbore: Original Hole
Design: Plan #1

ConocoPhillips



WELL DETAILS: SJ 28-7 #153M
DFE @ 6587.0ft (H&P 282)
Ground Level: 6571.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	2024097.15	105972.09	36° 33' 19.128 N	107° 35' 29.598 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 20-T27N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 33' 19.128 N
Longitude: 107° 35' 29.598 W
Positional Uncertainity: 0.0
Convergence: -0.80
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 28-7 #153M
Project:	SJB (NM Central)	**TVD Reference:**	DFE @ 6587.0ft (H&P 282)
Site:	SEC 20-T27N-R7W	**MD Reference:**	DFE @ 6587 0ft (H&P 282)
Well:	SJ 28-7 #153M	**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 20-T27N-R7W

Site Position:		**Northing:**	2,024,097 15 ft	**Latitude:**	36° 33' 19.128 N
From:	Lat/Long	**Easting:**	105,972.09 ft	**Longitude:**	107° 35' 29.598 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	6-1/8"	**Grid Convergence:**	-0.80 °

Well SJ 28-7 #153M, S-Type MV/DK Well

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,024,097 15 ft	**Latitude:**	36° 33' 19 128 N
	+E/-W	0.0 ft	**Easting:**	105,972.09 ft	**Longitude:**	107° 35' 29.598 W
Position Uncertainty		3.5 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,571 0 ft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	12/10/2009	9 98	63.41	50,823

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	272.71

Survey Program **Date** 2/17/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
362.0	4,968.0	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
362.0	0.84	305.07	362.0	1.5	-2.2	2.2	0.23	0.23	0.00
424.0	1.52	292.87	424.0	2 1	-3 3	3 4	1.16	1.10	-19.68
485 0	3.66	296.10	484.9	3.3	-5.8	5.9	3.51	3 51	5.30
546 0	5 20	293 35	545.7	5 2	-10 1	10 3	2.55	2.52	-4.51
608 0	7.10	290 81	607 4	7.7	-16.2	16.6	3.10	3.06	-4.10
669.0	8.92	290.87	667.8	10.7	-24.2	24.7	2.98	2 98	0 10
731 0	10 45	290.07	728.9	14.4	-34.0	34 6	2 48	2.47	-1.29
792.0	11.61	287.96	788.8	18.2	-45 0	45 8	2.01	1.90	-3.46
854.0	13.14	283.89	849.3	21.8	-57.8	58 7	2.84	2.47	-6.56
948 0	14.00	281 43	940.7	26 6	-79.3	80.5	1.10	0.91	-2 62
1,038.0	14.45	280.67	1,027.9	30.8	-101.0	102.3	0.54	0.50	-0 84
1,128.0	15.66	278 56	1,114.8	34.7	-124.0	125 5	1.48	1 34	-2.34

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 28-7 #153M
Project:	SJB (NM Central)	**TVD Reference:**	DFE @ 6587.0ft (H&P 282)
Site:	SEC 20-T27N-R7W	**MD Reference:**	DFE @ 6587.0ft (H&P 282)
Well:	SJ 28-7 #153M	**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)
1,218.0	16.71	276.09	1,201.3	37.9	-148.9	150 5	1.39	1 17	-2.74
1,308.0	17.16	273.79	1,287.4	40.2	-175.0	176.7	0.90	0 50	-2.56
1,398 0	18.08	274 09	1,373.1	42 0	-202.2	204.0	1.03	1.02	0.33
1,487.0	18 92	271 75	1,457.5	43 4	-230.4	232.2	1.26	0 94	-2 63
1,577 0	20.34	272 95	1,542 3	44 7	-260.6	262.4	1.64	1 58	1 33
1,668 0	21.03	271 48	1,627 4	45.9	-292.7	294 6	0.95	0.76	-1.62
1,758.0	22 47	272.60	1,711.0	47.1	-326 1	327 9	1.67	1 60	1.24
1,847.0	23 50	271 74	1,793.0	48.4	-360.8	362 7	1.22	1 16	-0 97
1,937.0	23.62	272 39	1,875 5	49.7	-396.7	398 6	0.32	0 13	0.72
2,027 0	22 71	272.78	1,958 2	51 3	-432.1	434.1	1.03	-1 01	0.43
2,117 0	24.60	272 80	2,040.6	53 1	-468.2	470.2	2.10	2 10	0.02
2,207 0	25.30	273.08	2,122.2	55 0	-506.1	508.1	0.79	0.78	0.31
2,298.0	25.87	272.45	2,204.3	56.9	-545 3	547 4	0.69	0.63	-0.69
2,387.0	25 97	271.83	2,284.4	58 4	-584 2	586.3	0 32	0.11	-0.70
2,477.0	25 71	271.26	2,365.4	59.4	-623.4	625.5	0 40	-0.29	-0 63
2,567 0	25.19	270 75	2,446.6	60 1	-662.1	664.2	0 63	-0 58	-0.57
2,657.0	24.88	270 05	2,528.2	60 4	-700.2	702.3	0 48	-0.34	-0.78
2,747.0	23.13	268.78	2,610.4	60 0	-736.8	738.8	2.03	-1.94	-1 41
2,837 0	21 88	269.30	2,693 5	59 5	-771.2	773.2	1.41	-1.39	0.58
2,927.0	20 73	267.14	2,777.4	58.5	-803.9	805.8	1.55	-1.28	-2.40
3,017.0	20.02	268.80	2,861 8	57.3	-835.2	837 0	1.02	-0.79	1.84
3,107.0	20.18	269 61	2,946.3	56 9	-866.1	867.9	0 36	0.18	0.90
3,197.0	20.71	271.55	3,030.6	57 2	-897.6	899.3	0.96	0.59	2.16
3,287.0	20.73	270 71	3,114.8	57 9	-929.4	931.1	0.33	0 02	-0 93
3,377.0	18 98	272.27	3,199.4	58.6	-960.0	961.7	2 03	-1.94	1.73
3,467.0	17 63	270.52	3,284.9	59.3	-988.2	989 9	1.62	-1.50	-1 94
3,557.0	15.97	270 13	3,371.0	59 5	-1,014.2	1,015.9	1.85	-1 84	-0.43
3,647 0	13.67	269 44	3,458.0	59.4	-1,037.3	1,038 9	2 56	-2.56	-0.77
3,737.0	11.99	268 98	3,545 8	59 1	-1,057 2	1,058.9	1.87	-1.87	-0.51
3,827.0	10 47	267 90	3,634.1	58 7	-1,074.8	1,076.3	1.70	-1 69	-1 20
3,917 0	9.34	266.68	3,722 7	58 0	-1,090 2	1,091.7	1 28	-1.26	-1.36
4,006 0	8.45	266.85	3,810 6	57.2	-1,104 0	1,105.4	1.00	-1.00	0.19
4,096 0	7 49	265.42	3,899 8	56.3	-1,116.4	1,117 8	1 09	-1.07	-1.59
4,186 0	7 27	266.22	3,989.0	55.5	-1,127.9	1,129 3	0 27	-0 24	0.89
4,276 0	5.61	269 55	4,078 5	55.1	-1,138 0	1,139.4	1.89	-1 84	3.70
4,366 0	3.46	273 55	4,168.2	55 2	-1,145.1	1,146 5	2.41	-2.39	4.44
4,456.0	3.37	278.28	4,258.0	55.8	-1,150.5	1,151.8	0.33	-0 10	5.26
4,546.0	3.11	274 40	4,347.9	56 3	-1,155.5	1,156 9	0 38	-0.29	-4.31
4,636 0	2.88	268.16	4,437.7	56 5	-1,160.2	1,161.6	0.44	-0.26	-6.93
4,726.0	2 99	273 45	4,527.6	56.5	-1,164.8	1,166.2	0.32	0.12	5.88
4,816.0	2.89	261 82	4,617.5	56.3	-1,169.4	1,170 8	0.67	-0.11	-12.92
4,906.0	2.72	266 81	4,707 4	55 9	-1,173.8	1,175 1	0 33	-0.19	5.54
4,968.0	2.54	265 12	4,769 3	55 7	-1,176 6	1,177.9	0.32	-0.29	-2.73