

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

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30875	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 31327	⁵ Property Name SAN JUAN 30 - 5 UNIT	⁶ Well Number 27N
⁷ GRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6399'

¹⁰ Surface Location

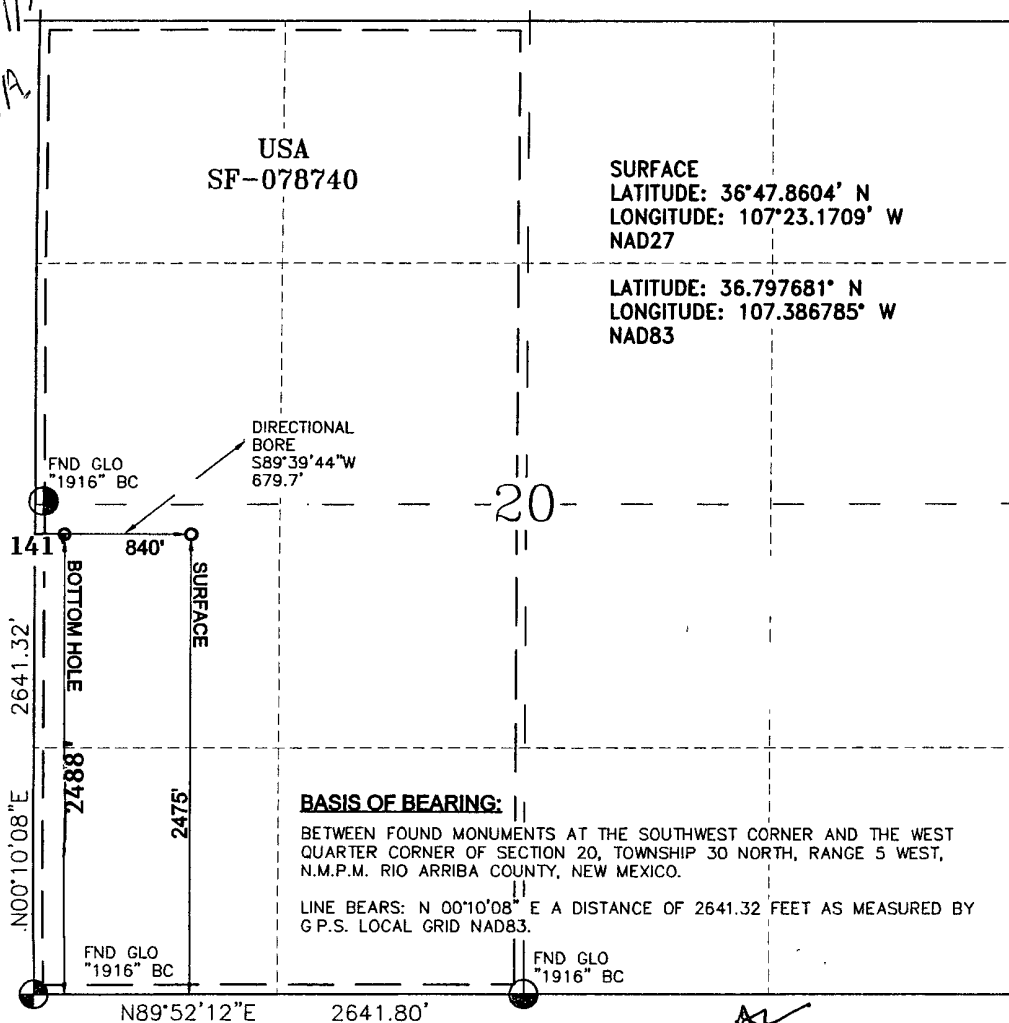
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	30-N	5-W		2475'	SOUTH	840'	WEST	RIO ARRIBA

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	20	30-N	5-W		2488	SOUTH	141	WEST	RIO ARRIBA

¹² Dedicated Acres DK 320.00 ACRES W/2 MV 320.00 ACRES W/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JUL 26 '10 OIL CONS. DIV.
---	-------------------------------	----------------------------------	--

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 DIST. 3



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.

Signature

Crystal Tafoya 7/22/10

Printed Name

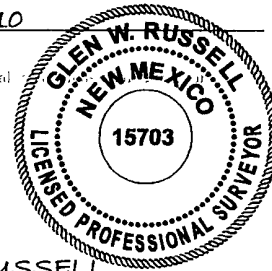
18 SURVEYOR CERTIFICATION

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.

MAY 7, 2010

Date of Survey

Signature and Seal



GLEN W. RUSSELL

Certificate Number

15703

Legal WellName : SAN JUAN 30-5 UNIT #27N	API / UWI: 3003930875
Operator: CONOCOPHILLIPS COMPANY	Surf Loc: 020-030N-005W-L
St/Prov: NEW MEXICO	N/S Dist (ft): 2,475.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 840.00 - FWL

Wellbore Name : Original Hole				
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	05/17/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/17/2010	130.00	.50	.00	Inc-Drop	Mo-Te Drilling Inc.
05/17/2010	235.00	.75	.00	Inc-Drop	Mo-Te Drilling Inc.

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	05/21/2010	.00	.00	.00

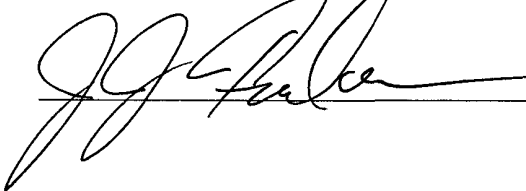
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/21/2010	263.00	.75	242.39	IncAzi-MWD	Scientific Drilling
05/21/2010	323.00	1.66	258.83	IncAzi-MWD	Scientific Drilling
05/21/2010	384.00	3.07	266.40	IncAzi-MWD	Scientific Drilling
05/21/2010	445.00	4.85	270.79	IncAzi-MWD	Scientific Drilling
05/21/2010	506.00	6.45	275.20	IncAzi-MWD	Scientific Drilling
05/21/2010	567.00	8.48	273.65	IncAzi-MWD	Scientific Drilling
05/21/2010	629.00	10.27	272.80	IncAzi-MWD	Scientific Drilling
05/21/2010	691.00	11.93	272.42	IncAzi-MWD	Scientific Drilling
05/21/2010	752.00	13.31	269.67	IncAzi-MWD	Scientific Drilling
05/21/2010	845.00	15.69	270.21	IncAzi-MWD	Scientific Drilling
05/21/2010	935.00	18.76	269.01	IncAzi-MWD	Scientific Drilling
05/21/2010	1,025.00	21.53	269.20	IncAzi-MWD	Scientific Drilling
05/21/2010	1,115.00	24.11	268.67	IncAzi-MWD	Scientific Drilling
05/21/2010	1,205.00	26.34	268.83	IncAzi-MWD	Scientific Drilling
05/21/2010	1,295.00	29.13	270.03	IncAzi-MWD	Scientific Drilling
05/21/2010	1,385.00	31.39	270.89	IncAzi-MWD	Scientific Drilling
05/21/2010	1,475.00	32.99	271.24	IncAzi-MWD	Scientific Drilling
05/21/2010	1,564.00	32.43	270.04	IncAzi-MWD	Scientific Drilling
05/22/2010	1,654.00	30.16	268.27	IncAzi-MWD	Scientific Drilling
05/22/2010	1,744.00	27.52	267.12	IncAzi-MWD	Scientific Drilling
05/22/2010	1,834.00	24.54	268.10	IncAzi-MWD	Scientific Drilling
05/22/2010	1,924.00	21.12	268.84	IncAzi-MWD	Scientific Drilling
05/22/2010	2,014.00	18.33	271.98	IncAzi-MWD	Scientific Drilling
05/22/2010	2,104.00	15.57	269.03	IncAzi-MWD	Scientific Drilling
05/22/2010	2,194.00	12.44	268.00	IncAzi-MWD	Scientific Drilling
05/22/2010	2,284.00	9.60	270.39	IncAzi-MWD	Scientific Drilling
05/22/2010	2,374.00	7.39	268.92	IncAzi-MWD	Scientific Drilling

05/22/2010	2,464.00	4.91	262.35	IncAzi-MWD	Scientific Drilling
05/22/2010	2,554.00	1.92	240.06	IncAzi-MWD	Scientific Drilling
05/22/2010	2,644.00	.47	222.17	IncAzi-MWD	Scientific Drilling
05/22/2010	2,734.00	.55	205.05	IncAzi-MWD	Scientific Drilling
05/22/2010	2,823.00	.48	232.21	IncAzi-MWD	Scientific Drilling
05/22/2010	2,913.00	.54	229.79	IncAzi-MWD	Scientific Drilling
05/22/2010	3,003.00	.80	215.92	IncAzi-MWD	Scientific Drilling
05/23/2010	3,093.00	.70	215.95	IncAzi-MWD	Scientific Drilling
05/23/2010	3,183.00	.73	206.48	IncAzi-MWD	Scientific Drilling
05/23/2010	3,273.00	1.24	182.26	IncAzi-MWD	Scientific Drilling
05/24/2010	3,363.00	1.54	280.17	IncAzi-MWD	Scientific Drilling
05/24/2010	3,453.00	1.78	286.47	IncAzi-MWD	Scientific Drilling
05/24/2010	3,543.00	1.83	285.04	IncAzi-MWD	Scientific Drilling
05/24/2010	3,633.00	1.76	277.08	IncAzi-MWD	Scientific Drilling

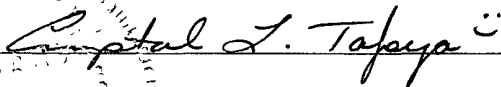
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	06/01/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/01/2010	7,971.00	1.50	.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.



Subscribed and sworn to me this July 27, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD JUL 26 '10
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 20-T30N-R5W

SJ 30-5 #27N

API # 30.039.30875

Original Hole

Survey: Actual

Standard Survey Report

03 June, 2010

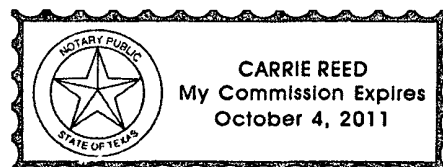
This survey is correct to the best of my knowledge and is supported by actual field data.

Shubert

Notorized this date 9th of June, 2010.

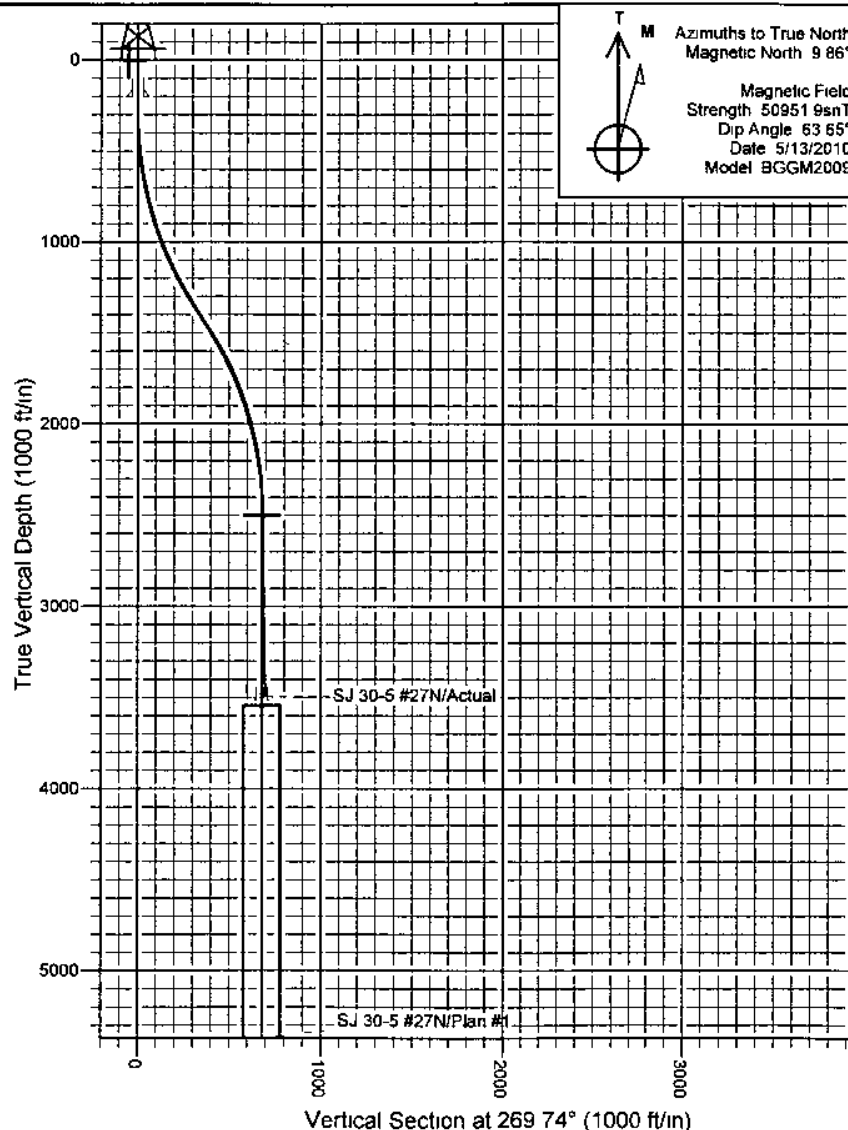
Carrie Reed

Notary Signature
County of Midland
State of Texas



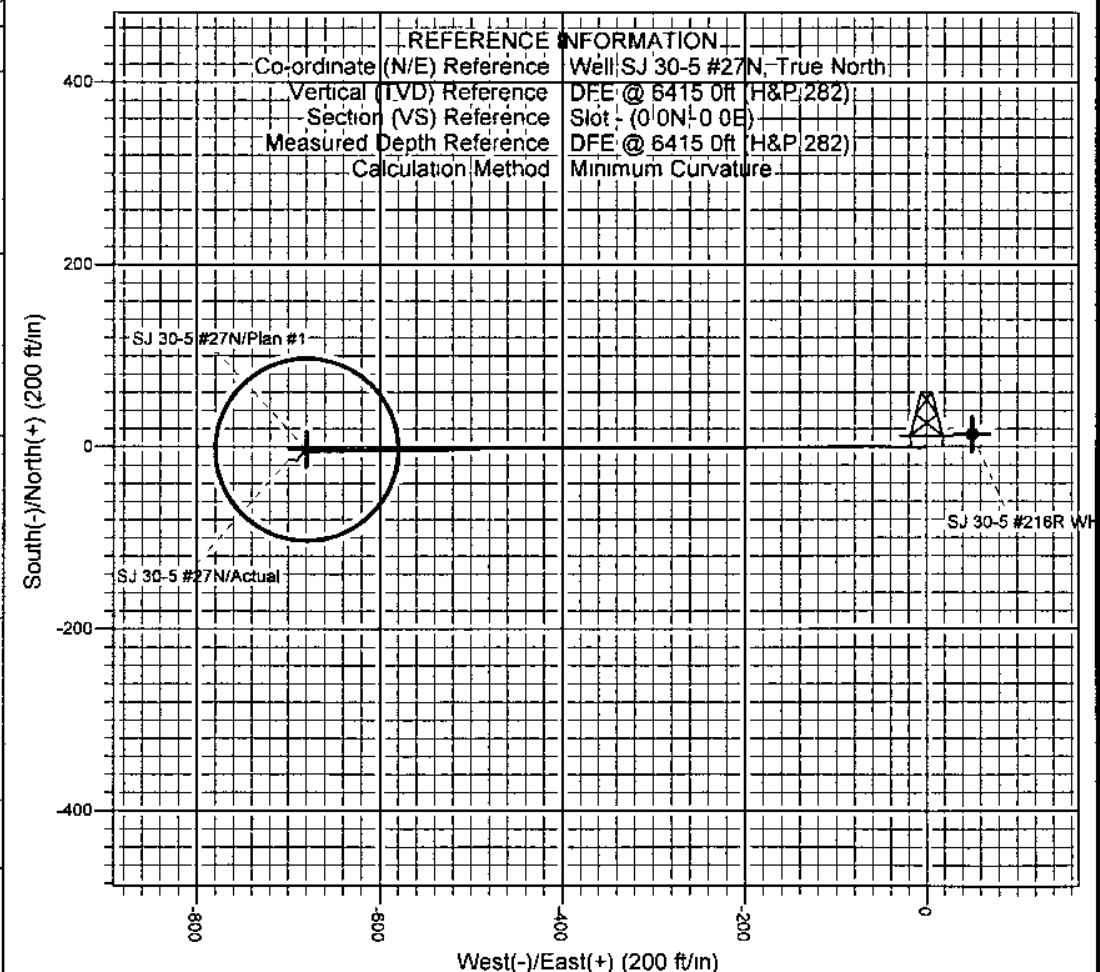


Project SJB (NM Central)
SEC 20-T30N-R5W
Well SJ 30-5 #27N
Wellbore Original Hole
Design Plan #1
Site



WELL DETAILS SJ 30-5 #27N
DFE @ 6415 0ft (H&P 282)
Ground Level 6399 0
Easting 167339 99 Latitude 36° 47' 51 624 N Longitude 107° 23' 10 254 W Slot

+N/-S 0 0 +E/-W 0 0 Northing 2111552 50



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-T30N-R5W
Rio Arriba County NM
Site Centre Latitude 36° 47' 40 140 N
Longitude 107° 22' 24 816 W
Positional Uncertainty 0 0
Convergence -0 67
Local North True

Scientific Drilling International, Inc.
Survey Report

Company	ConocoPhillips	Local Co-ordinate Reference	Well SJ 30-5 #27N
Project	SJB (NM Central)	TVD Reference	DFE @ 6415 0ft (H&P 282)
Site	SEC 20-T30N R5W	MD Reference	DFE @ 6415 0ft (H&P 282)
Well	SJ 30-5 #27N	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-T30N-R5W			
Site Position		Northing	2 110 347 49 ft	Latitude	36° 47' 40 140 N
From	Lat/Long	Easting	171,021 95 ft	Longitude	107° 22' 24 816 W
Position Uncertainty	0 0 ft	Slot Radius	6-1/8 '	Grid Convergence	-0 67 °

Well	SJ 30-5 #27N, S-Type MV/DK					
Well Position	+N/-S	0 0 ft	Northing	2,111,552 50 ft	Latitude	36° 47' 51 624 N
	+E/-W	0 0 ft	Easting	167,339 99 ft	Longitude	107° 23' 10 254 W
Position Uncertainty		3 5 ft	Wellhead Elevation	ft	Ground Level	6 399 0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	5/13/2010	9 86	63 65	50,952

Design	Original Hole				
Audit Notes					
Version	1 0	Phase	ACTUAL	Tie On Depth	0 0
Vertical Section	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0 0	0 0	0 0	268 92	

Survey Program	Date 6/3/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
263 0	3 633 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 75	242 39	263 0	-0 8	-1 5	1 5	0 29	0 29	0 00	
323 0	1 66	258 83	323 0	-1 1	-2 7	2 7	1 61	1 52	27 40	
384 0	3 07	266 40	383 9	-1 4	-5 2	5 2	2 36	2 31	12 41	
445 0	4 85	270 79	444 8	-1 5	-9 4	9 5	2 96	2 92	7 20	
506 0	6 45	275 20	505 5	-1 1	-15 4	15 4	2 72	2 62	7 23	
567 0	8 48	273 65	566 0	-0 5	-23 3	23 3	3 34	3 33	-2 54	
629 0	10 27	272 80	627 1	0 0	-33 4	33 4	2 90	2 89	-1 37	
691 0	11 93	272 42	688 0	0 6	-45 3	45 3	2 68	2 68	-0 61	
752 0	13 31	269 67	747 5	0 8	-58 7	58 6	2 47	2 26	-4 51	
845 0	15 69	270 21	837 5	0 8	-81 9	81 9	2 56	2 56	0 58	
935 0	18 76	269 01	923 5	0 6	-108 6	108 6	3 43	3 41	-1 33	
1,025 0	21 53	269 20	1,008 0	0 1	-139 6	139 5	3 08	3 08	0 21	

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-5 #27N
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6415 0ft (H&P 282)
Site:	SEC 20-T30N-R5W	MD Reference:	DFE @ 6415 0ft (H&P 282)
Well:	SJ 30-5 #27N	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)
1,115.0	24.11	268.67	1,090.9	-0.6	-174.5	174.4	2.88	2.87	-0.59
1,205.0	26.34	268.83	1,172.3	-1.4	-212.8	212.8	2.48	2.48	0.18
1,295.0	29.13	270.03	1,252.0	-1.8	-254.7	254.7	3.16	3.10	1.33
1,385.0	31.39	270.89	1,329.7	-1.4	-300.0	300.0	2.56	2.51	0.96
1,475.0	32.99	271.24	1,405.9	-0.5	-348.0	347.9	1.79	1.78	0.39
1,564.0	32.43	270.04	1,480.8	0.0	-396.1	396.0	0.96	-0.63	-1.35
1,654.0	30.16	268.27	1,557.7	-0.7	-442.8	442.7	2.72	-2.52	-1.97
1,744.0	27.52	267.12	1,636.5	-2.4	-486.2	486.1	3.00	-2.93	-1.28
1,834.0	24.54	268.10	1,717.4	-4.1	-525.6	525.6	3.35	-3.31	1.09
1,924.0	21.12	268.84	1,800.3	-5.0	-560.5	560.5	3.81	-3.80	0.82
2,014.0	18.33	271.98	1,885.0	-4.8	-590.9	590.9	3.32	-3.10	3.49
2,104.0	15.57	269.03	1,971.1	-4.6	-617.1	617.1	3.21	-3.07	-3.28
2,194.0	12.44	268.00	2,058.4	-5.1	-638.9	638.9	3.49	-3.48	-1.14
2,284.0	9.60	270.39	2,146.7	-5.4	-656.1	656.1	3.20	-3.16	2.66
2,374.0	7.39	268.92	2,235.7	-5.4	-669.4	669.4	2.47	-2.46	-1.63
2,464.0	4.91	262.35	2,325.2	-6.1	-679.0	679.0	2.86	-2.76	-7.30
2,554.0	1.92	240.06	2,415.1	-7.3	-684.1	684.1	3.57	-3.32	-24.77
2,644.0	0.47	222.17	2,505.0	-8.4	-685.7	685.7	1.64	-1.61	-19.88
2,734.0	0.55	205.05	2,595.0	-9.0	-686.1	686.1	0.19	0.09	-19.02
2,823.0	0.48	232.21	2,684.0	-9.6	-686.6	686.6	0.28	-0.08	30.52
2,913.0	0.54	229.79	2,774.0	-10.1	-687.2	687.3	0.07	0.07	-2.69
3,003.0	0.80	215.92	2,864.0	-10.9	-687.9	688.0	0.34	0.29	-15.41
3,093.0	0.70	215.95	2,954.0	-11.9	-688.6	688.7	0.11	-0.11	0.03
3,183.0	0.73	206.48	3,044.0	-12.8	-689.1	689.3	0.14	0.03	-10.52
3,273.0	1.24	182.26	3,134.0	-14.3	-689.4	689.6	0.72	0.57	-26.91
3,363.0	1.54	280.17	3,224.0	-15.1	-690.7	690.8	2.34	0.33	108.79
3,453.0	1.78	286.47	3,313.9	-14.5	-693.2	693.4	0.33	0.27	7.00
3,543.0	1.83	285.04	3,403.9	-13.7	-695.9	696.1	0.07	0.06	-1.59
3,633.0	1.76	277.08	3,493.8	-13.2	-698.7	698.8	0.29	-0.08	-8.84