

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 30-039-30819	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7460	⁵ Property Name SAN JUAN 28-5 UNIT	⁶ Well Number 73P
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6682'

¹⁰ Surface Location

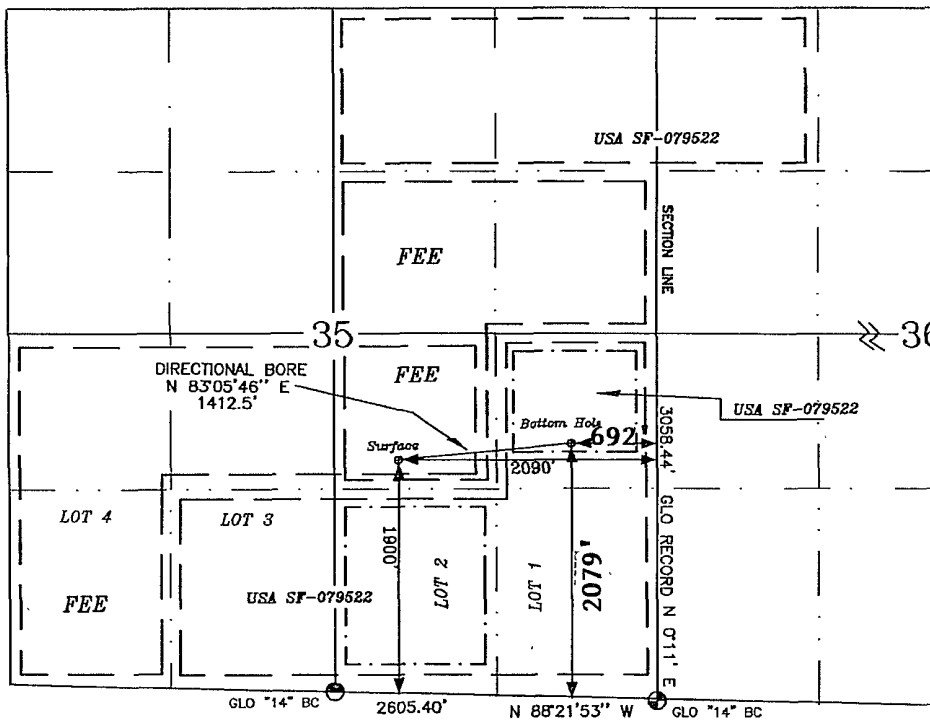
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	35	28-N	5-W		1900'	SOUTH	2090'	EAST	RIO ARRIBA

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
I	35	28-N	5-W		2079	SOUTH	692	EAST	RIO ARRIBA

¹² Dedicated Acres DK 330.92 ACRES MV 361.36 ACRES S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD AUG 4 '10 OIL CONS. DIV.
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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 **DIST. 3**



Surface
LAT: 36°36.8874' N.
LONG: 107°19.5748' W.
NAD 1927
LAT: 36.614799° N.
LONG: 107.326847° W.
NAD 1983

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 8/3/10
Signature
Crystal Tafoya 8/3/10
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.

5-5
Date of Survey
Signature and Seal of Professional Surveyor:
Glenn W. Russell
Certificate Number **15703**

Legal WellName : SAN JUAN 28-5 UNIT #73P	API / UWI: 3003930819
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 035-028N-005W-J
St/Prov: NEW MEXICO	N/S Dist (ft): 1,900.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 2,090.00 - FEL

RCVD AUG 4 '10
OIL CONS. DIV.
DIST. 3

Wellbore Name : Original Hole				
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	04/19/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/19/2010	130.00	.50	.00	Inc-Drop	MO-TE DRILLING INC
04/19/2010	235.00	.50	.00	Inc-Drop	MO-TE DRILLING INC

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	04/21/2010	.00	.00	.00

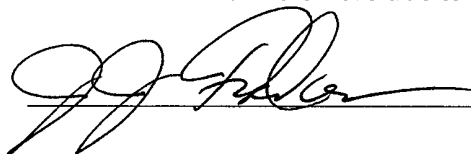
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/21/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
04/21/2010	266.00	.17	116.69	IncAzi-MWD	Scientific Drilling
04/21/2010	328.00	.85	97.20	IncAzi-MWD	Scientific Drilling
04/21/2010	389.00	1.91	107.59	IncAzi-MWD	Scientific Drilling
04/21/2010	450.00	2.88	93.81	IncAzi-MWD	Scientific Drilling
04/21/2010	511.00	4.13	90.72	IncAzi-MWD	Scientific Drilling
04/21/2010	573.00	5.67	87.21	IncAzi-MWD	Scientific Drilling
04/21/2010	634.00	7.02	86.04	IncAzi-MWD	Scientific Drilling
04/21/2010	696.00	8.46	83.67	IncAzi-MWD	Scientific Drilling
04/21/2010	758.00	9.91	84.15	IncAzi-MWD	Scientific Drilling
04/21/2010	820.00	11.44	83.86	IncAzi-MWD	Scientific Drilling
04/21/2010	913.00	13.46	84.40	IncAzi-MWD	Scientific Drilling
04/21/2010	1,003.00	15.84	84.80	IncAzi-MWD	Scientific Drilling
04/21/2010	1,093.00	18.25	84.77	IncAzi-MWD	Scientific Drilling
04/21/2010	1,183.00	20.71	85.04	IncAzi-MWD	Scientific Drilling
04/21/2010	1,273.00	23.79	81.95	IncAzi-MWD	Scientific Drilling
04/21/2010	1,363.00	26.20	82.46	IncAzi-MWD	Scientific Drilling
04/21/2010	1,453.00	28.19	83.57	IncAzi-MWD	Scientific Drilling
04/21/2010	1,543.00	29.20	83.00	IncAzi-MWD	Scientific Drilling
04/21/2010	1,633.00	30.00	81.54	IncAzi-MWD	Scientific Drilling
04/21/2010	1,723.00	30.69	81.63	IncAzi-MWD	Scientific Drilling
04/22/2010	1,813.00	30.15	82.21	IncAzi-MWD	Scientific Drilling
04/22/2010	1,903.00	30.35	80.92	IncAzi-MWD	Scientific Drilling
04/22/2010	1,993.00	30.64	80.67	IncAzi-MWD	Scientific Drilling
04/22/2010	2,083.00	28.90	81.50	IncAzi-MWD	Scientific Drilling
04/22/2010	2,173.00	29.54	82.05	IncAzi-MWD	Scientific Drilling
04/22/2010	2,263.00	30.52	81.09	IncAzi-MWD	Scientific Drilling

04/22/2010	2,353.00	29.08	83.46	IncAzi-MWD	Scientific Drilling
04/22/2010	2,443.00	29.31	83.64	IncAzi-MWD	Scientific Drilling
04/23/2010	2,533.00	28.90	82.58	IncAzi-MWD	Scientific Drilling
04/23/2010	2,623.00	28.16	82.83	IncAzi-MWD	Scientific Drilling
04/23/2010	2,713.00	28.43	82.16	IncAzi-MWD	Scientific Drilling
04/23/2010	2,803.00	28.73	82.15	IncAzi-MWD	Scientific Drilling
04/23/2010	2,893.00	27.93	82.03	IncAzi-MWD	Scientific Drilling
04/23/2010	2,983.00	27.41	80.85	IncAzi-MWD	Scientific Drilling
04/23/2010	3,073.00	27.68	81.12	IncAzi-MWD	Scientific Drilling
04/23/2010	3,162.00	26.10	83.16	IncAzi-MWD	Scientific Drilling
04/23/2010	3,252.00	24.87	84.58	IncAzi-MWD	Scientific Drilling
04/23/2010	3,342.00	23.80	85.17	IncAzi-MWD	Scientific Drilling
04/23/2010	3,432.00	23.35	84.56	IncAzi-MWD	Scientific Drilling
04/23/2010	3,522.00	22.62	83.36	IncAzi-MWD	Scientific Drilling
04/23/2010	3,612.00	19.53	83.57	IncAzi-MWD	Scientific Drilling
04/23/2010	3,702.00	18.11	82.42	IncAzi-MWD	Scientific Drilling
04/23/2010	3,792.00	15.32	82.92	IncAzi-MWD	Scientific Drilling
04/23/2010	3,882.00	12.88	81.57	IncAzi-MWD	Scientific Drilling
04/23/2010	3,972.00	11.67	81.69	IncAzi-MWD	Scientific Drilling
04/23/2010	4,062.00	9.31	79.35	IncAzi-MWD	Scientific Drilling
04/23/2010	4,152.00	6.46	76.15	IncAzi-MWD	Scientific Drilling
04/24/2010	4,242.00	4.52	76.98	IncAzi-MWD	Scientific Drilling
04/24/2010	4,292.00	3.99	82.25	IncAzi-MWD	Scientific Drilling
04/24/2010	4,348.00	3.40	88.15	Projection	Scientific Drilling

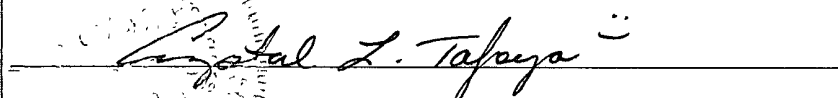
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	05/01/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/01/2010	8,223.00	1.00	.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 August 3, 2010



Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD AUG 4 '10
OIL CONS. DIV.
DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 35-T28N-R5W

SJ 28-5 #73P

API # 30-039-30819

Original Hole

Survey: Actual

Standard Survey Report

06 May, 2010

RA

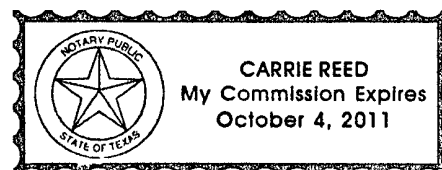
This survey is correct to the best of my knowledge and is supported by actual field data.

Richardson

Notorized this date 4th of May, 2010.

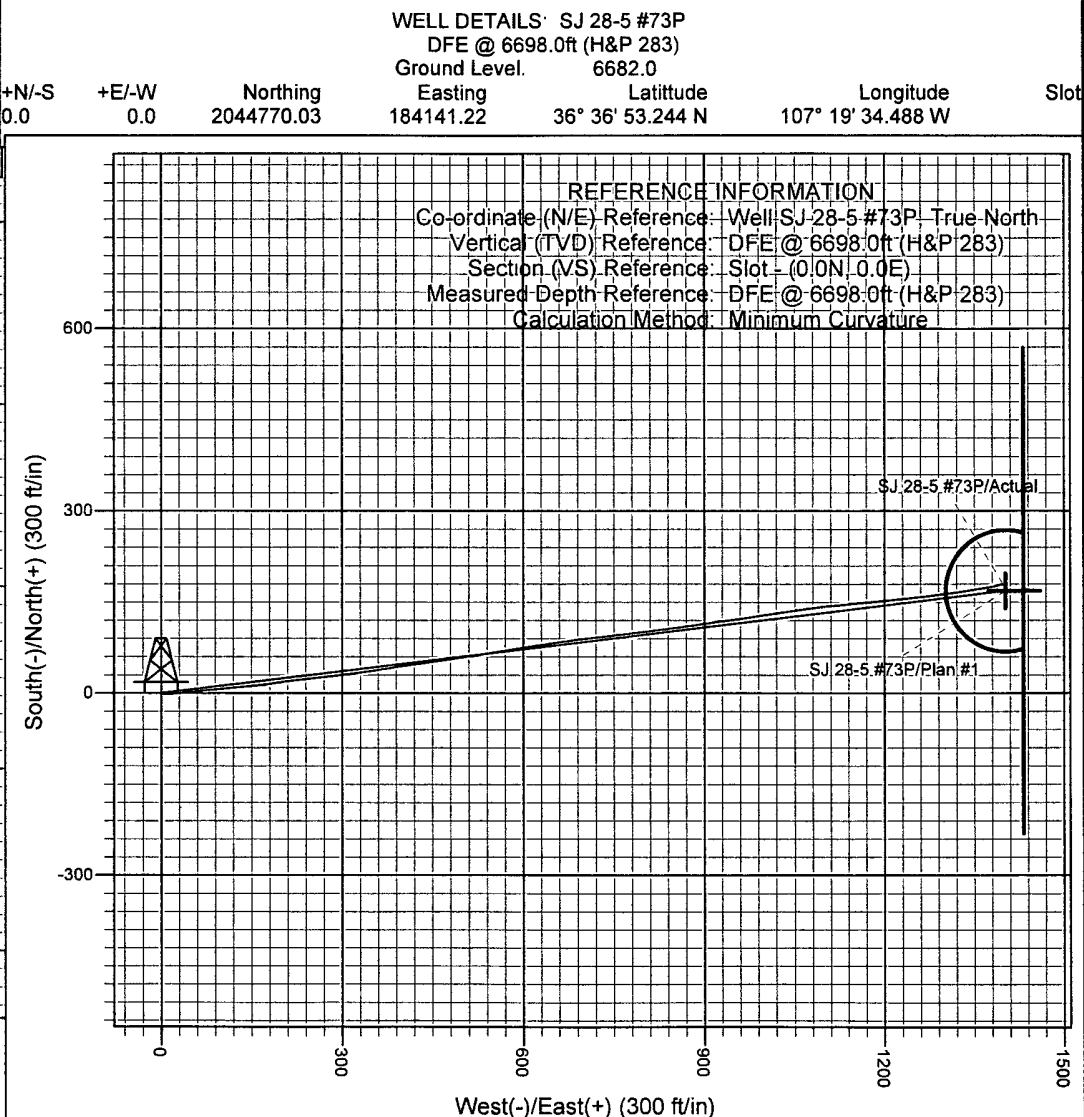
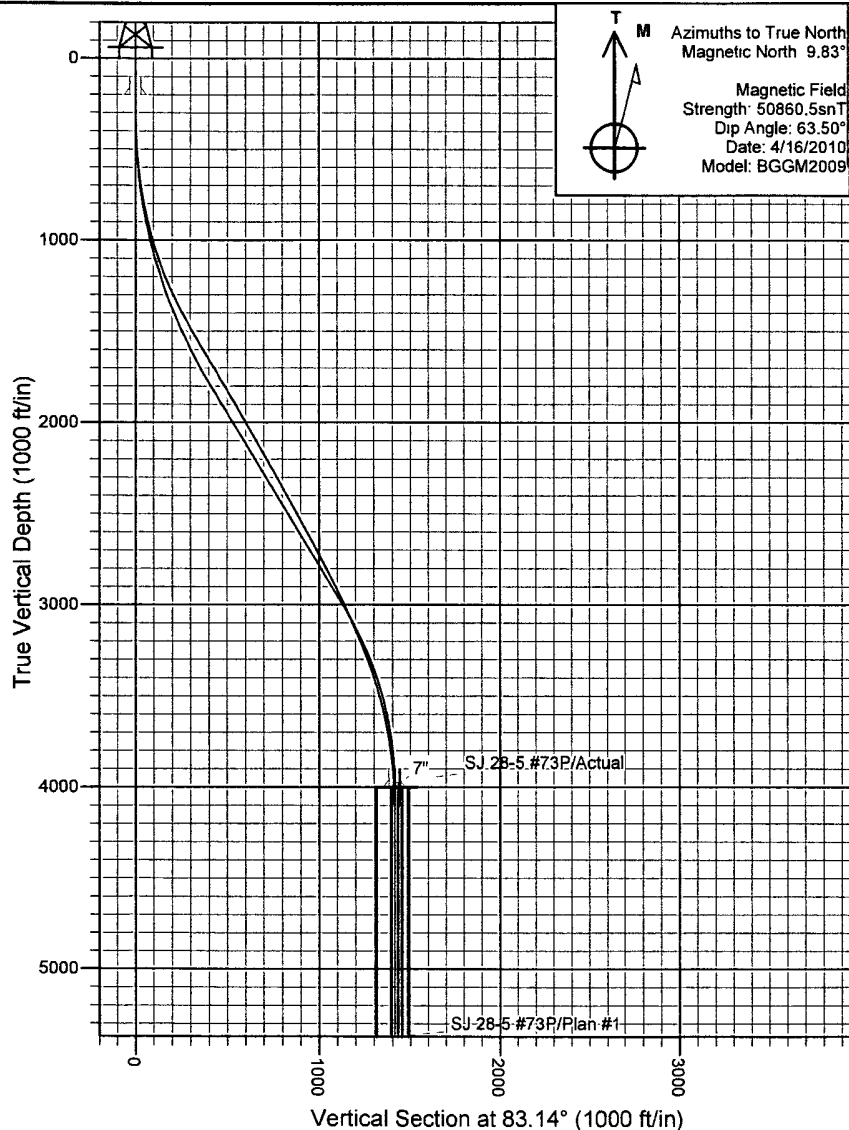
Carrie Reed

Notary Signature
County of Midland
State of Texas





Project: SJB (NM Central)
SEC 35-T28N-R5W
Well: SJ 28-5 #73P
Wellbore: Original Hole
Design: Plan #1
Site:



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 35-T28N-R5W
Rio Arriba County NM
Site Centre Latitude: 36° 36' 53.244 N
Longitude: 107° 19' 34.488 W
Positional Uncertainty: 0.0
Convergence: -0.64
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-5 #73P
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6698.0ft (H&P 283)
Site:	SEC 35-T28N-R5W	MD Reference:	DFE @ 6698.0ft (H&P 283)
Well:	SJ 28-5 #73P	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 35-T28N-R5W			
Site Position:		Northing:	2,044,770.03 ft	Latitude:	36° 36' 53.244 N
From:	Lat/Long	Easting:	184,141.22 ft	Longitude:	107° 19' 34.488 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.64 °

Well	SJ 28-5 #73P, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,044,770.03 ft	Latitude:	36° 36' 53.244 N
	+E/-W	0.0 ft	Easting:	184,141.22 ft	Longitude:	107° 19' 34.488 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,682.0 ft

Wellbore	Original Hole			
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	4/16/2010	9.83	63.50	50,861

Design	Original Hole			
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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	82.69	

Survey Program	Date 5/6/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
266.0	4,292.0	Actual (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
266.0	0.17	116.69	266.0	-0.2	0.4	0.3	0.06	0.06	0.00
328.0	0.85	97.20	328.0	-0.3	0.9	0.8	1.12	1.10	-31.44
389.0	1.91	107.59	389.0	-0.6	2.3	2.2	1.78	1.74	17.03
450.0	2.88	93.81	449.9	-1.0	4.8	4.6	1.84	1.59	-22.59
511.0	4.13	90.72	510.8	-1.2	8.5	8.3	2.07	2.05	-5.07
573.0	5.67	87.21	572.6	-1.1	13.8	13.6	2.53	2.48	-5.66
634.0	7.02	86.04	633.2	-0.7	20.6	20.3	2.22	2.21	-1.92
696.0	8.46	83.67	694.6	0.1	28.9	28.6	2.38	2.32	-3.82
758.0	9.91	84.15	755.8	1.2	38.7	38.5	2.34	2.34	0.77
820.0	11.44	83.86	816.8	2.4	50.1	50.0	2.47	2.47	-0.47
913.0	13.46	84.40	907.6	4.4	70.1	70.1	2.18	2.17	0.58
1,003.0	15.84	84.80	994.6	6.5	92.7	92.8	2.65	2.64	0.44

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-5 #73P
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6698.0ft (H&P 283)
Site:	SEC 35-T28N-R5W	MD Reference:	DFE @ 6698.0ft (H&P 283)
Well:	SJ 28-5 #73P	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)
1,093.0	18.25	84.77	1,080.7	8.9	119.0	119.2	2.68	2.68	-0.03
1,183.0	20.71	85.04	1,165.5	11.6	148.9	149.2	2.74	2.73	0.30
1,273.0	23.79	81.95	1,248.8	15.5	182.7	183.2	3.66	3.42	-3.43
1,363.0	26.20	82.46	1,330.4	20.7	220.4	221.2	2.69	2.68	0.57
1,453.0	28.19	83.57	1,410.4	25.7	261.2	262.4	2.28	2.21	1.23
1,543.0	29.20	83.00	1,489.4	30.7	304.1	305.6	1.16	1.12	-0.63
1,633.0	30.00	81.54	1,567.6	36.7	348.2	350.0	1.20	0.89	-1.62
1,723.0	30.69	81.63	1,645.3	43.3	393.2	395.5	0.77	0.77	0.10
1,813.0	30.15	82.21	1,722.9	49.8	438.3	441.1	0.68	-0.60	0.64
1,903.0	30.35	80.92	1,800.7	56.4	483.1	486.4	0.76	0.22	-1.43
1,993.0	30.64	80.67	1,878.2	63.7	528.2	532.0	0.35	0.32	-0.28
2,083.0	28.90	81.50	1,956.3	70.6	572.4	576.7	1.99	-1.93	0.92
2,173.0	29.54	82.05	2,034.9	76.9	615.8	620.6	0.77	0.71	0.61
2,263.0	30.52	81.09	2,112.8	83.5	660.4	665.7	1.21	1.09	-1.07
2,353.0	29.08	83.46	2,190.9	89.6	704.7	710.4	2.07	-1.60	2.63
2,443.0	29.31	83.64	2,269.5	94.5	748.3	754.3	0.27	0.26	0.20
2,533.0	28.90	82.58	2,348.1	99.8	791.8	798.0	0.73	-0.46	-1.18
2,623.0	28.16	82.83	2,427.2	105.2	834.4	841.0	0.83	-0.82	0.28
2,713.0	28.43	82.16	2,506.4	110.8	876.7	883.7	0.46	0.30	-0.74
2,803.0	28.73	82.15	2,585.4	116.7	919.4	926.7	0.33	0.33	-0.01
2,893.0	27.93	82.03	2,664.7	122.5	961.7	969.4	0.89	-0.89	-0.13
2,983.0	27.41	80.85	2,744.4	128.8	1,003.0	1,011.2	0.84	-0.58	-1.31
3,073.0	27.68	81.12	2,824.2	135.3	1,044.1	1,052.8	0.33	0.30	0.30
3,162.0	26.10	83.16	2,903.5	140.8	1,084.0	1,093.1	2.06	-1.78	2.29
3,252.0	24.87	84.58	2,984.8	144.9	1,122.5	1,131.8	1.53	-1.37	1.58
3,342.0	23.80	85.17	3,066.8	148.3	1,159.4	1,168.8	1.22	-1.19	0.66
3,432.0	23.35	84.56	3,149.3	151.5	1,195.3	1,204.8	0.57	-0.50	-0.68
3,522.0	22.62	83.36	3,232.1	155.2	1,230.2	1,240.0	0.96	-0.81	-1.33
3,612.0	19.53	83.57	3,316.1	158.9	1,262.4	1,272.3	3.43	-3.43	0.23
3,702.0	18.11	82.42	3,401.3	162.4	1,291.2	1,301.3	1.63	-1.58	-1.28
3,792.0	15.32	82.92	3,487.5	165.7	1,316.8	1,327.2	3.10	-3.10	0.56
3,882.0	12.88	81.57	3,574.8	168.6	1,338.6	1,349.1	2.74	-2.71	-1.50
3,972.0	11.67	81.69	3,662.7	171.4	1,357.5	1,368.3	1.34	-1.34	0.13
4,062.0	9.31	79.35	3,751.2	174.1	1,373.7	1,384.6	2.66	-2.62	-2.60
4,152.0	6.46	76.15	3,840.3	176.6	1,385.7	1,396.9	3.20	-3.17	-3.56
4,242.0	4.52	76.98	3,929.9	178.7	1,394.1	1,405.5	2.16	-2.16	0.92
4,292.0	3.99	82.25	3,979.8	179.3	1,397.7	1,409.2	1.32	-1.06	10.54