

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30850		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 99 N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6464'

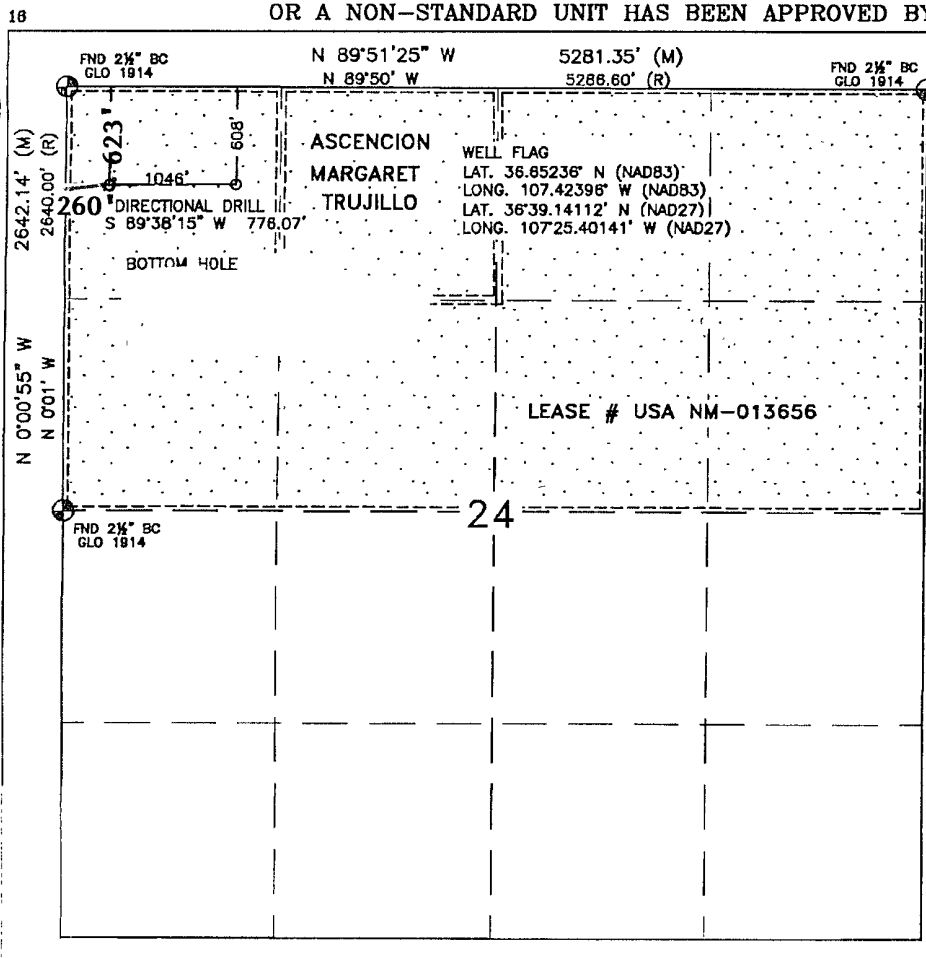
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	28N	6W		608'	NORTH	1046'	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
D	24	28N	6W		623	NORTH	260	WEST	RIO ARRIBA
*Dedicated Acres 320.00 ACRES - N/2			*Joint or Infill		*Consolidation Code		*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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 7/22/10
Signature Date

Crystal Tafoya 7/22/10
Printed Name

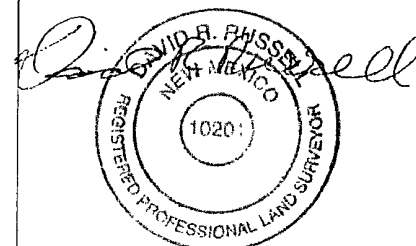
18 SURVEYOR CERTIFICATION

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.

JUNE 29, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL
Certificate Number 10201

Legal WellName : SAN JUAN 28-6 UNIT #99N	API / UWI: 3003930850
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 024-028N-006W-D
St/Prov: NEW MEXICO	N/S Dist (ft): 608.00 - FNL
County: RIO ARRIBA	E/W Dist (ft): 1,046.00 - FWL

Wellbore Name : Original Hole				
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	05/21/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/21/2010	130.00	1.25	.00	Inc-Drop	Mo-Te Drilling Inc.
05/21/2010	230.00	2.00	.00	Inc-Drop	Mo-Te Drilling Inc.

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	05/27/2010	.00	.00	.00

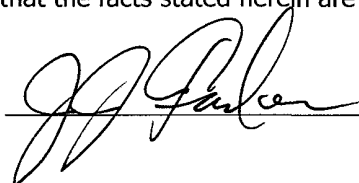
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/28/2010	.00	.00	.00	IncAzi-MWD	Scientific Drilling
05/28/2010	265.00	1.49	109.68	IncAzi-MWD	Scientific Drilling
05/28/2010	326.00	.51	135.12	IncAzi-MWD	Scientific Drilling
05/28/2010	387.00	1.25	266.66	IncAzi-MWD	Scientific Drilling
05/28/2010	448.00	2.02	273.48	IncAzi-MWD	Scientific Drilling
05/28/2010	510.00	1.88	278.78	IncAzi-MWD	Scientific Drilling
05/28/2010	572.00	1.73	275.39	IncAzi-MWD	Scientific Drilling
05/28/2010	633.00	2.55	271.85	IncAzi-MWD	Scientific Drilling
05/28/2010	695.00	3.68	268.74	IncAzi-MWD	Scientific Drilling
05/28/2010	756.00	4.83	262.82	IncAzi-MWD	Scientific Drilling
05/28/2010	817.00	5.54	264.40	IncAzi-MWD	Scientific Drilling
05/28/2010	911.00	7.63	262.63	IncAzi-MWD	Scientific Drilling
05/28/2010	1,001.00	9.41	263.47	IncAzi-MWD	Scientific Drilling
05/28/2010	1,091.00	11.28	266.63	IncAzi-MWD	Scientific Drilling
05/28/2010	1,181.00	12.58	270.35	IncAzi-MWD	Scientific Drilling
05/28/2010	1,271.00	13.91	269.37	IncAzi-MWD	Scientific Drilling
05/28/2010	1,361.00	14.56	266.21	IncAzi-MWD	Scientific Drilling
05/28/2010	1,451.00	15.61	267.85	IncAzi-MWD	Scientific Drilling
05/28/2010	1,541.00	17.11	270.89	IncAzi-MWD	Scientific Drilling
05/28/2010	1,631.00	17.94	271.40	IncAzi-MWD	Scientific Drilling
05/28/2010	1,721.00	19.03	272.92	IncAzi-MWD	Scientific Drilling
05/28/2010	1,811.00	19.66	274.92	IncAzi-MWD	Scientific Drilling
05/28/2010	1,901.00	20.12	271.41	IncAzi-MWD	Scientific Drilling
05/28/2010	1,991.00	19.55	269.20	IncAzi-MWD	Scientific Drilling
05/28/2010	2,081.00	20.72	268.23	IncAzi-MWD	Scientific Drilling
05/29/2010	2,171.00	21.70	266.72	IncAzi-MWD	Scientific Drilling
05/29/2010	2,261.00	21.78	266.48	IncAzi-MWD	Scientific Drilling

05/29/2010	2,351.00	20.73	266.27	IncAzi-MWD	Scientific Drilling
05/29/2010	2,441.00	21.44	268.02	IncAzi-MWD	Scientific Drilling
05/29/2010	2,531.00	20.89	269.41	IncAzi-MWD	Scientific Drilling
05/29/2010	2,621.00	20.20	272.26	IncAzi-MWD	Scientific Drilling
05/29/2010	2,711.00	21.02	271.54	IncAzi-MWD	Scientific Drilling
05/29/2010	2,800.00	21.22	270.39	IncAzi-MWD	Scientific Drilling
05/29/2010	2,890.00	19.05	268.05	IncAzi-MWD	Scientific Drilling
05/29/2010	2,980.00	18.82	267.08	IncAzi-MWD	Scientific Drilling
05/29/2010	3,070.00	16.71	266.06	IncAzi-MWD	Scientific Drilling
05/29/2010	3,160.00	13.87	268.31	IncAzi-MWD	Scientific Drilling
05/29/2010	3,250.00	10.94	267.89	IncAzi-MWD	Scientific Drilling
05/29/2010	3,340.00	8.95	269.45	IncAzi-MWD	Scientific Drilling
05/29/2010	3,430.00	7.68	269.31	IncAzi-MWD	Scientific Drilling
05/29/2010	3,520.00	6.20	272.91	IncAzi-MWD	Scientific Drilling
05/29/2010	3,610.00	4.16	268.95	IncAzi-MWD	Scientific Drilling
05/29/2010	3,678.00	2.58	276.37	IncAzi-MWD	Scientific Drilling
05/29/2010	3,733.00	.95	276.37	Projection	Scientific Drilling

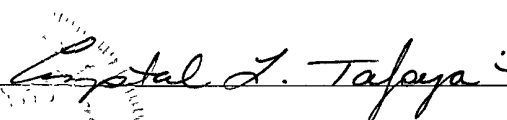
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	06/08/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
06/08/2010	7,814.00	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 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 24-T28N-R6W

SJ 28-6 #99N

API # 30.039.30850

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.

Richard

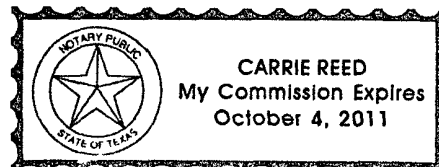
Notorized this date 9th of June 2010.

Carrie Reed

Notary Signature

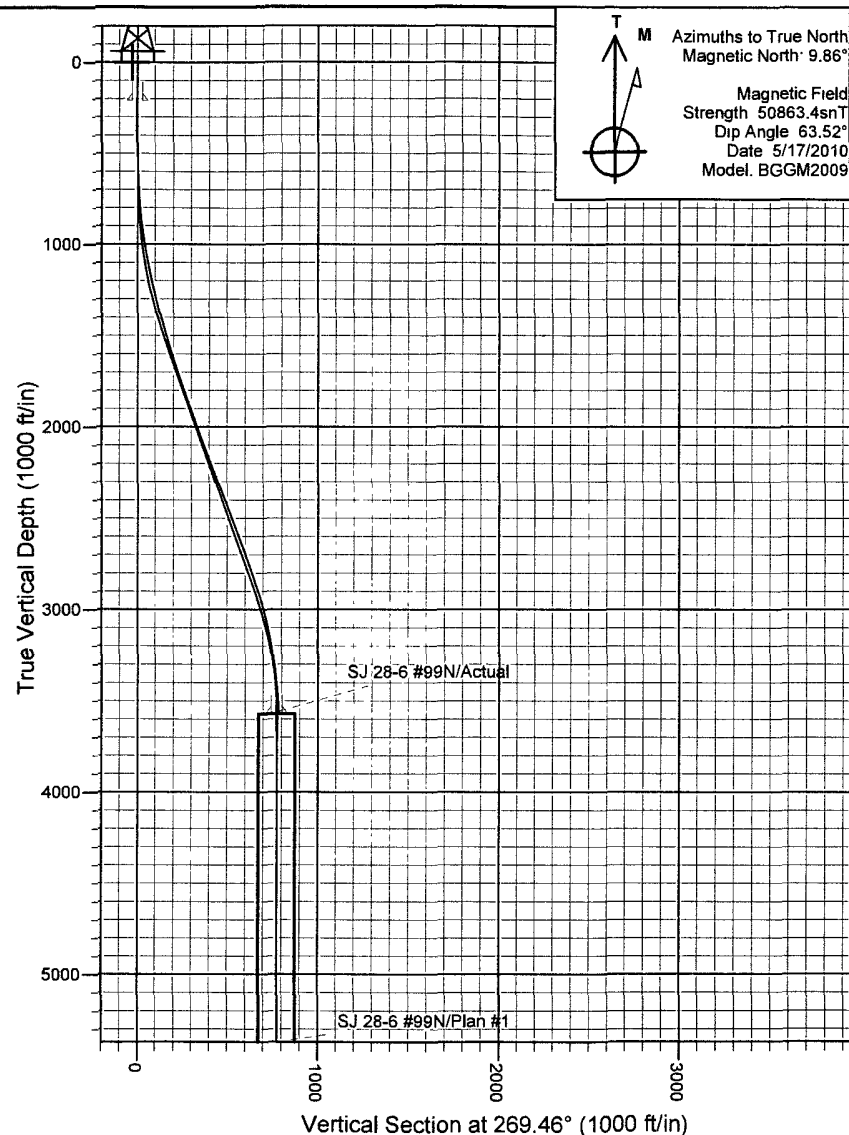
County of Midland

State of Texas





Project: SJB (NM Central)
SEC 24-T28N-R6W
Well: SJ 28-6 #99N
Wellbore: Original Hole
Design: Plan #1
Site:



WELL DETAILS: SJ 28-6 #99N

DFE @ 6480.0ft (H&P 283)

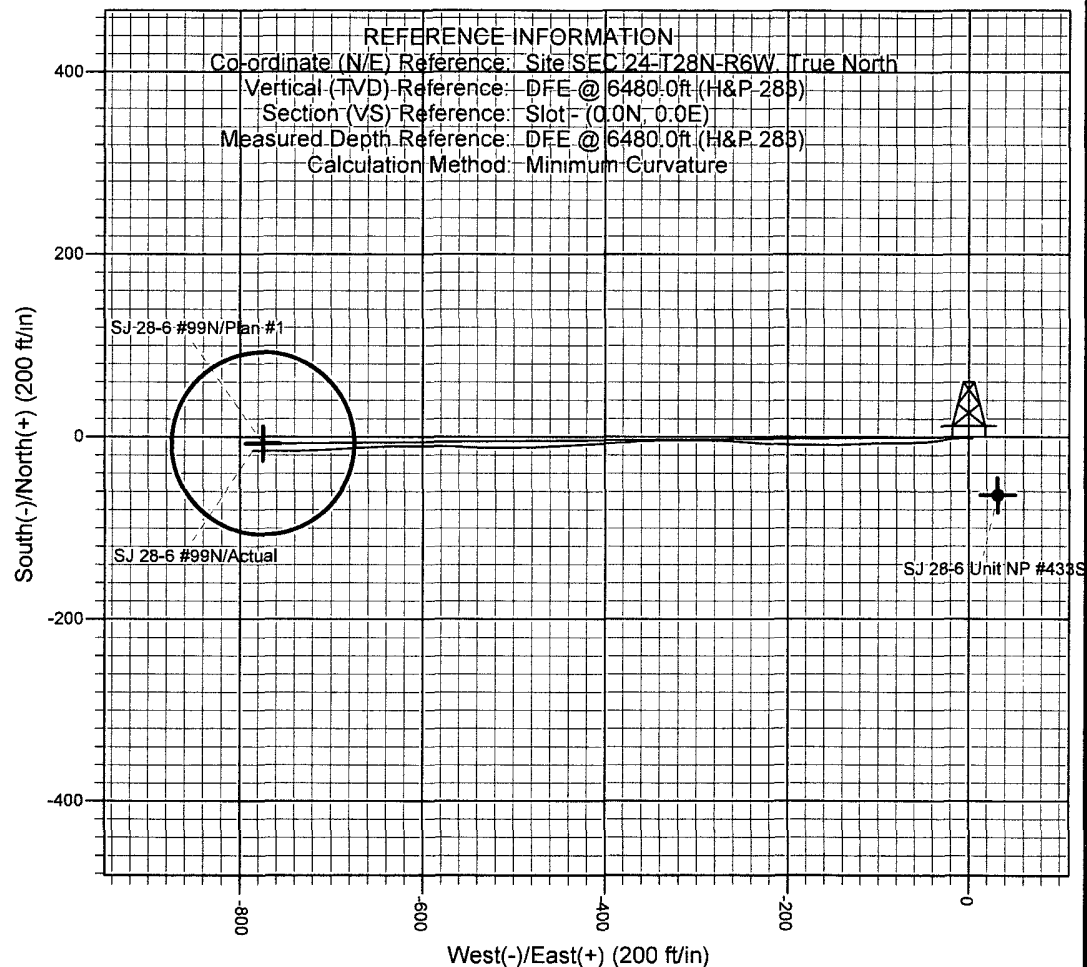
Ground Level: 6464.0

Easting 155807.17

Latitude 36° 39' 8.467 N

Longitude 107° 25' 24.085 W

Slot



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 24-T28N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 39' 8.467 N
Longitude: 107° 25' 24.085 W
Positional Uncertainty: 0.0
Convergence: -0.70
Local North: True

Scientific Drilling International, Inc.
Survey Report

Company	ConocoPhillips	Local Co-ordinate Reference	Well SJ 28-6 #99N
Project	SJB (NM Central)	TVD Reference	DFE @ 6480 0ft (H&P 283)
Site	SEC 24-T28N-R6W	MD Reference	DFE @ 6480 0ft (H&P 283)
Well	SJ 28-6 #99N	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 24-T28N R6W					
Site Position		Northing	2,058,778 38 ft	Latitude	36° 39' 8 467 N
From	Lat/Long	Easting	155,807 17 ft	Longitude	107° 25' 24 085 W
Position Uncertainty	0 0 ft	Slot Radius	6-1/8"	Grid Convergence	-0 70 °

Well	SJ 28-6 #99N S-Type MV/DK Well					
Well Position	+N/-S	0 0 ft	Northing	2,058,778 38 ft	Latitude	36° 39' 8 467 N
	+E/-W	0 0 ft	Easting	155,807 17 ft	Longitude	107° 25' 24 085 W
Position Uncertainty		3 5 ft	Wellhead Elevation	ft	Ground Level	6,464 0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2009	5/17/2010	9 86	63 52	50,863

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 88	

Survey Program	Date 6/3/2010			
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
265 0	3,678 0	Actual (Original Hole)	MWD SDI	MWD - Standard ver 1 0 1

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate
(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
265 0	1 49	109 68	265 0	-1 2	3 2	-3 2	0 58	0 56	0 00
326 0	0 51	135 12	328 0	-1 6	4 2	-4 2	1 73	-1 61	41 71
387 0	1 25	266 66	387 0	-1 9	3 7	-3 7	2 68	1 21	215 64
448 0	2 02	273 48	447 9	-1 8	2 0	-1 9	1 30	1 26	11 18
510 0	1 88	278 78	509 9	-1 6	-0 1	0 2	0 37	-0 23	8 55
572 0	1 73	275 39	571 9	-1 4	-2 1	2 1	0 30	-0 24	-5 47
633 0	2 55	271 85	632 8	-1 2	-4 3	4 4	1 36	1 34	-5 80
695 0	3 68	268 74	694 7	-1 2	-7 7	7 7	1 84	1 82	5 02
756 0	4 83	262 82	755 6	-1 6	-12 2	12 2	2 02	1 89	-9 70
817 0	5 54	264 40	816 3	-2 2	-17 7	17 7	1 19	1 16	2 59
911 0	7 63	262 63	909 7	-3 4	-28 4	28 5	2 23	2 22	-1 88
1,001 0	9 41	263 47	998 7	-5 0	-41 6	41 7	1 98	1 98	0 93

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 28-6 #99N
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6480.0ft (H&P 283)
Site:	SEC 24-T28N-R6W	MD Reference:	DFE @ 6480.0ft (H&P 283)
Well:	SJ 28-6 #99N	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)	
1,091.0	11.28	266.63	1,087.2	-6.4	-57.7	57.8	2.17	2.08	3.51	
1,181.0	12.58	270.35	1,175.3	-6.9	-76.3	76.4	1.68	1.44	4.13	
1,271.0	13.91	269.37	1,262.9	-6.9	-96.9	97.0	1.50	1.48	-1.09	
1,361.0	14.56	266.21	1,350.1	-7.8	-119.0	119.2	1.13	0.72	-3.51	
1,451.0	15.61	267.85	1,437.0	-9.0	-142.4	142.6	1.26	1.17	1.82	
1,541.0	17.11	270.89	1,523.4	-9.2	-167.8	167.9	1.92	1.67	3.38	
1,631.0	17.94	271.40	1,609.2	-8.7	-194.9	195.0	0.94	0.92	0.57	
1,721.0	19.03	272.92	1,694.5	-7.6	-223.4	223.5	1.32	1.21	1.69	
1,811.0	19.66	274.92	1,779.5	-5.6	-253.1	253.2	1.02	0.70	2.22	
1,901.0	20.12	271.41	1,864.1	-3.9	-283.7	283.7	1.42	0.51	-3.90	
1,991.0	19.55	269.20	1,948.8	-3.7	-314.2	314.2	1.05	-0.63	-2.46	
2,081.0	20.72	268.23	2,033.3	-4.4	-345.2	345.2	1.35	1.30	-1.08	
2,171.0	21.70	266.72	2,117.2	-5.9	-377.7	377.7	1.25	1.09	-1.68	
2,261.0	21.78	266.48	2,200.8	-7.8	-411.0	411.1	0.13	0.09	-0.27	
2,351.0	20.73	266.27	2,284.6	-9.9	-443.5	443.6	1.17	-1.17	-0.23	
2,441.0	21.44	268.02	2,368.6	-11.5	-475.9	476.0	1.05	0.79	1.94	
2,531.0	20.89	269.41	2,452.5	-12.2	-508.4	508.5	0.83	-0.61	1.54	
2,621.0	20.20	272.26	2,536.8	-11.8	-539.9	540.1	1.35	-0.77	3.17	
2,711.0	21.02	271.54	2,621.1	-10.7	-571.6	571.7	0.95	0.91	-0.80	
2,800.0	21.22	270.39	2,704.1	-10.2	-603.7	603.7	0.52	0.22	-1.29	
2,890.0	19.05	268.05	2,788.6	-10.6	-634.6	634.7	2.57	-2.41	-2.60	
2,980.0	18.82	267.08	2,873.7	-11.8	-663.8	663.9	0.43	-0.26	-1.08	
3,070.0	16.71	266.06	2,959.4	-13.5	-691.2	691.3	2.37	-2.34	-1.13	
3,160.0	13.87	268.31	3,046.2	-14.7	-714.9	715.1	3.22	-3.16	2.50	
3,250.0	10.94	267.89	3,134.1	-15.3	-734.2	734.4	3.26	-3.26	-0.47	
3,340.0	8.95	269.45	3,222.8	-15.7	-749.8	749.9	2.23	-2.21	1.73	
3,430.0	7.68	269.31	3,311.8	-15.8	-762.8	762.9	1.41	-1.41	-0.16	
3,520.0	6.20	272.91	3,401.1	-15.6	-773.6	773.8	1.71	-1.64	4.00	
3,610.0	4.16	268.95	3,490.8	-15.5	-781.8	781.9	2.30	-2.27	-4.40	
3,678.0	2.58	276.37	3,558.7	-15.3	-785.8	785.9	2.41	-2.32	10.91	