

DISTRICT I
1625 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 30-039-30851		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT		*Well Number 3 M
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6259'

¹⁰ Surface Location

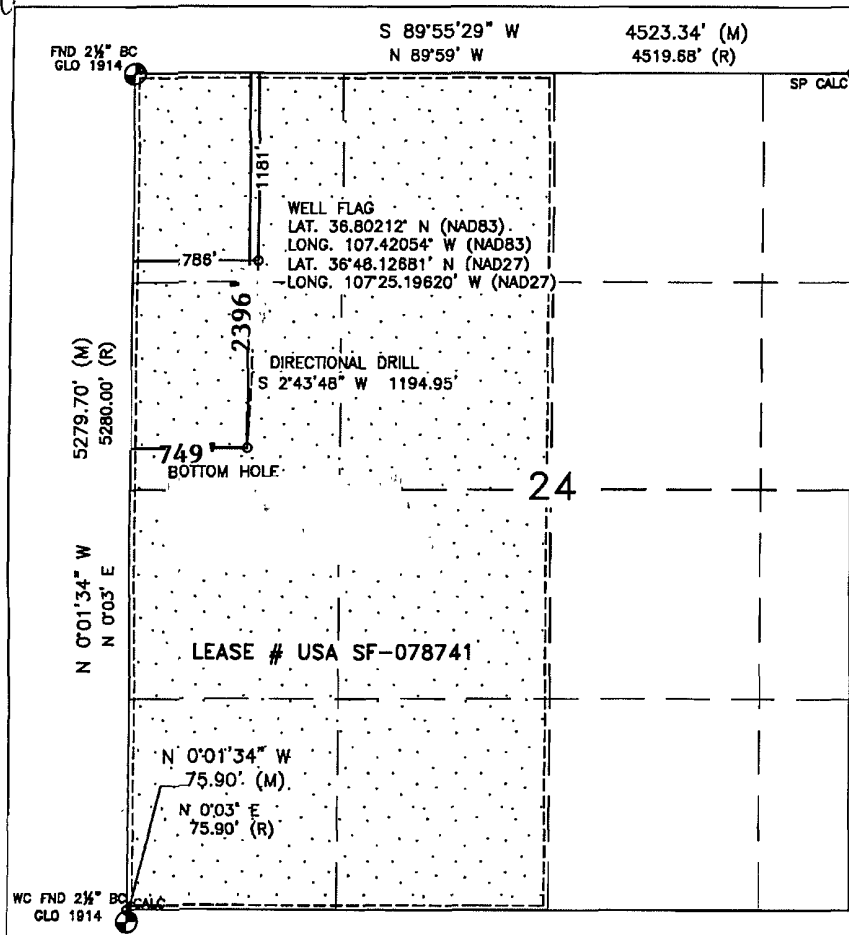
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	30N	6W		1181'	NORTH	786'	WEST	RIO ARRIBA

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	24	30N	6W		2396	NORTH	749	WEST	RIO ARRIBA

*Dedicated Acres 320.00 ACRES - W/2	*Joint or Infill	*Consolidation Code	*Order No. RCUD JUL 26 '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**



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 Tafuya 7/22/10
Signature Date

Crystal Tafuya 7/22/10
Printed Name

¹⁸ SURVEYOR CERTIFICATION

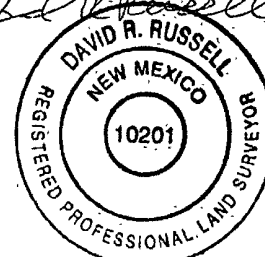
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JULY 17, 2009

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number 10201

Legal WellName : SAN JUAN 30-6 UNIT #3M	API / UWI: 3003930851
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 024-030N-006W-D
St/Prov: NEW MEXICO	N/S Dist (ft): 1,181.00 - FNL
County: RIO ARRIBA	E/W Dist (ft): 786.00 - FWL

RCVD JUL 28 '10
OIL CONS. DIV.
DIST. 3

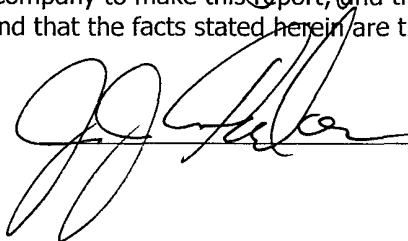
Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	04/26/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
04/26/2010	130.00	1.25	.00	Inc-WL	MOTE
04/26/2010	237.00	1.50	.00	Inc-WL	MOTE
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
DIRECTIONAL SURVEY	05/02/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/02/2010	298.00	1.12	9.01	Inc-MWD	Scientific Drilling
05/02/2010	359.00	.66	355.57	Inc-MWD	Scientific Drilling
05/02/2010	420.00	1.14	220.10	Inc-MWD	Scientific Drilling
05/02/2010	482.00	3.60	203.17	Inc-MWD	Scientific Drilling
05/02/2010	544.00	5.69	193.84	Inc-MWD	Scientific Drilling
05/02/2010	605.00	7.45	189.63	Inc-MWD	Scientific Drilling
05/02/2010	667.00	8.85	185.44	Inc-MWD	Scientific Drilling
05/02/2010	728.00	10.91	180.65	Inc-MWD	Scientific Drilling
05/02/2010	807.00	13.79	182.83	Inc-MWD	Scientific Drilling
05/02/2010	896.00	16.40	180.66	Inc-MWD	Scientific Drilling
05/02/2010	986.00	19.18	183.02	Inc-MWD	Scientific Drilling
05/02/2010	1,076.00	22.04	180.11	Inc-MWD	Scientific Drilling
05/02/2010	1,166.00	24.90	179.90	Inc-MWD	Scientific Drilling
05/02/2010	1,256.00	27.90	180.19	Inc-MWD	Scientific Drilling
05/02/2010	1,346.00	31.04	182.54	Inc-MWD	Scientific Drilling
05/02/2010	1,436.00	33.42	181.60	Inc-MWD	Scientific Drilling
05/02/2010	1,526.00	34.84	182.24	Inc-MWD	Scientific Drilling
05/02/2010	1,616.00	34.57	180.76	Inc-MWD	Scientific Drilling
05/02/2010	1,705.00	35.19	181.76	Inc-MWD	Scientific Drilling
05/02/2010	1,795.00	35.75	181.97	Inc-MWD	Scientific Drilling
05/02/2010	1,885.00	35.94	181.75	Inc-MWD	Scientific Drilling
05/02/2010	1,975.00	34.74	180.77	Inc-MWD	Scientific Drilling
05/03/2010	2,065.00	33.24	179.58	Inc-MWD	Scientific Drilling
05/03/2010	2,155.00	33.36	182.60	Inc-MWD	Scientific Drilling
05/03/2010	2,245.00	33.41	182.80	Inc-MWD	Scientific Drilling
05/03/2010	2,335.00	33.81	182.65	Inc-MWD	Scientific Drilling
05/03/2010	2,425.00	34.42	182.76	Inc-MWD	Scientific Drilling

05/03/2010	2,515.00	35.27	183.06	Inc-MWD	Scientific Drilling
05/03/2010	2,605.00	31.75	182.00	Inc-MWD	Scientific Drilling
05/03/2010	2,695.00	28.82	180.50	Inc-MWD	Scientific Drilling
05/03/2010	2,785.00	25.21	183.24	Inc-MWD	Scientific Drilling
05/03/2010	2,874.00	22.35	187.59	Inc-MWD	Scientific Drilling
05/03/2010	2,964.00	19.99	183.67	Inc-MWD	Scientific Drilling
05/03/2010	3,054.00	16.31	180.42	Inc-MWD	Scientific Drilling
05/03/2010	3,145.00	13.39	173.47	Inc-MWD	Scientific Drilling
05/03/2010	3,234.00	9.90	183.78	Inc-MWD	Scientific Drilling
05/03/2010	3,324.00	6.60	186.02	Inc-MWD	Scientific Drilling
05/03/2010	3,414.00	4.67	166.12	Inc-MWD	Scientific Drilling
05/03/2010	3,504.00	3.52	159.91	Inc-MWD	Scientific Drilling
05/03/2010	3,594.00	3.58	153.91	Inc-MWD	Scientific Drilling
05/03/2010	3,639.00	3.75	158.39	Inc-MWD	Scientific Drilling

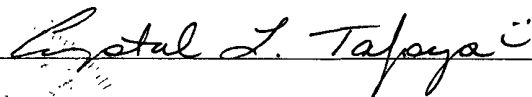
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	05/12/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
05/12/2010	7,924.00	1.25	.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-T30N-R6W

SJ 30-6 #3M

API # 30-039-30851

Original Hole

Survey: Actual

Standard Survey Report

13 May, 2010

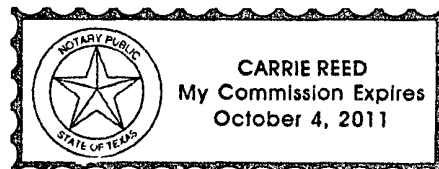
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

Notorized this date 13th of May, 2010.

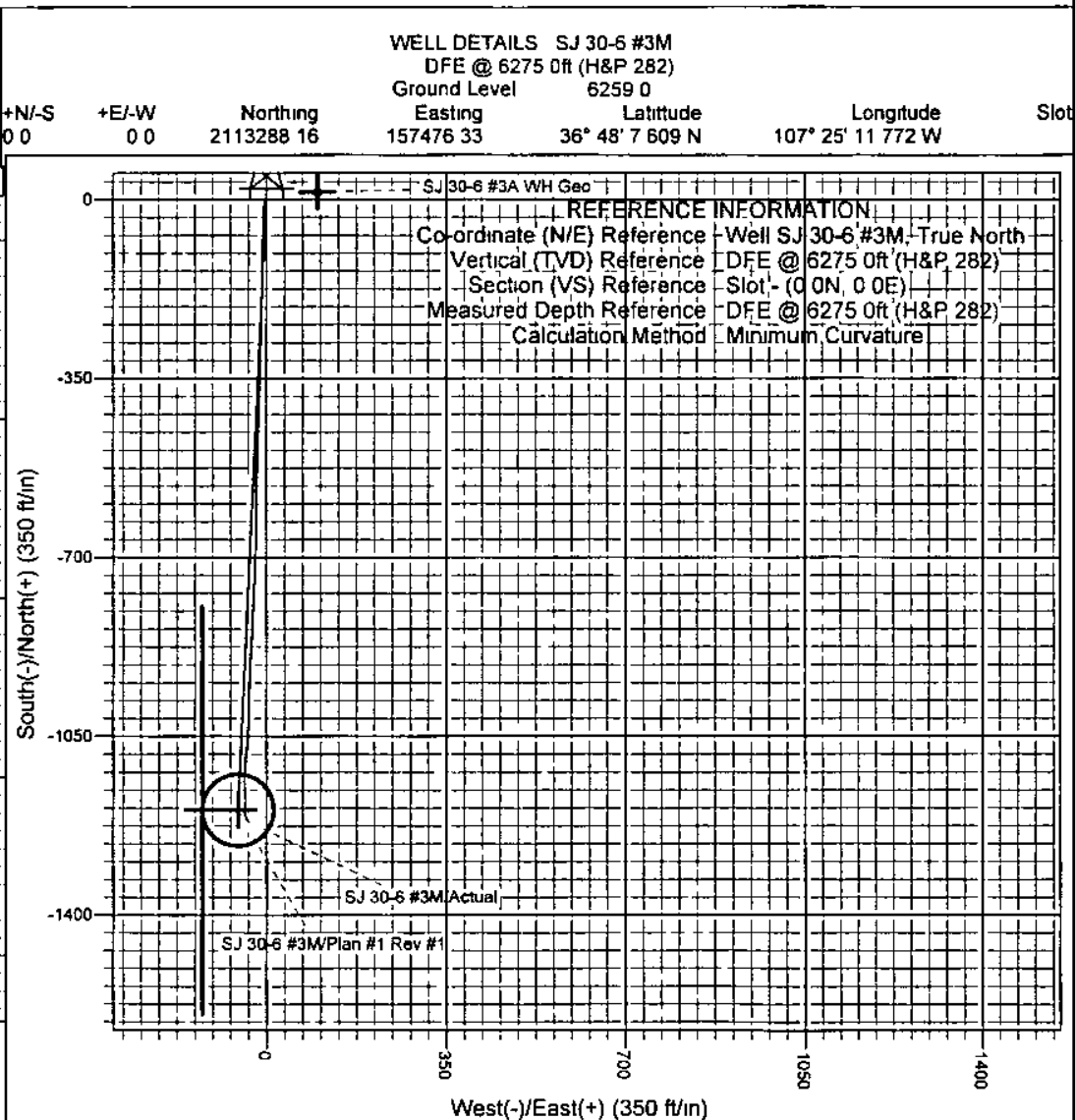
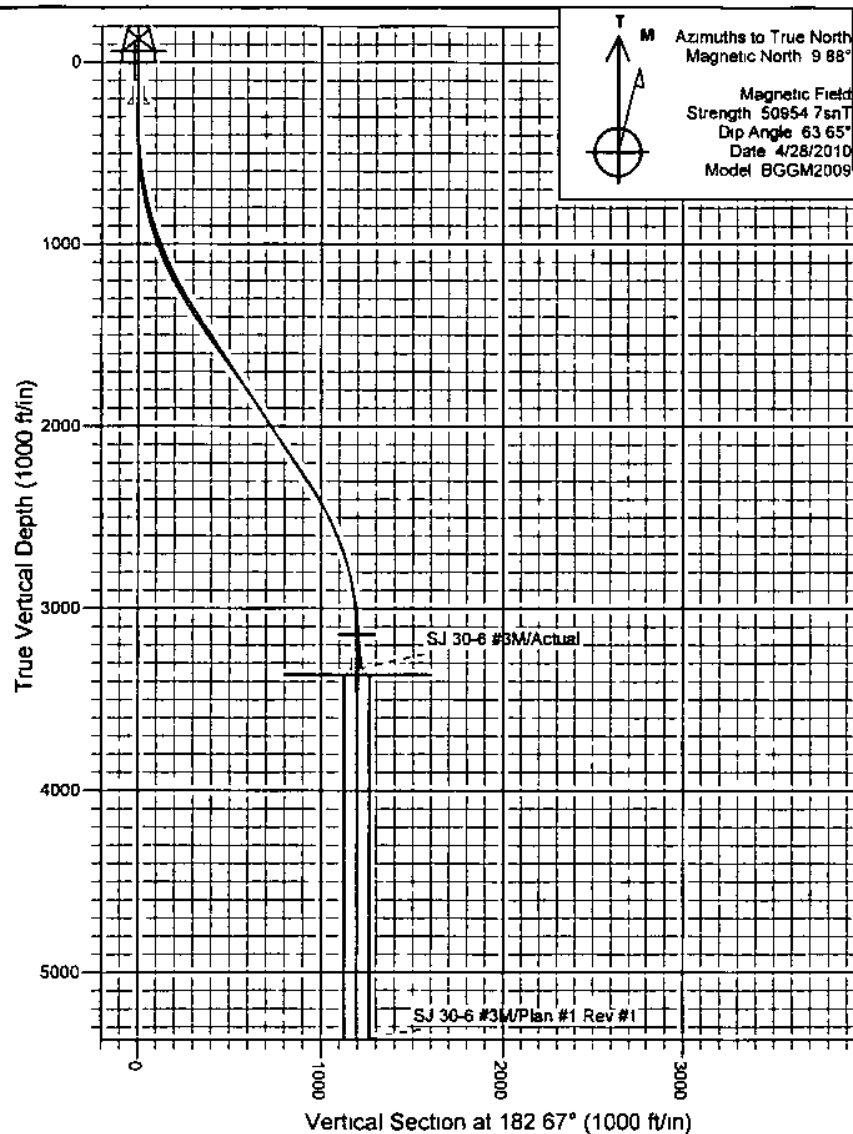
Carrie Reed

Notary Signature
County of Midland
State of Texas





Project SJB (NM Central)
SEC 24-T30N-R6W
Well SJ 30-6 #3M
Wellbore Original Hole
Design Plan #1 Rev #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 24-T30N-R6W
Rio Arriba County NM
Site Centre Latitude 36° 48' 7 609 N
Longitude 107° 25' 11 772 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 30-6 #3M
Project	SJB (NM Central)	TVD Reference	DFE @ 6275 0ft (H&P 282)
Site	SEC 24-T30N-R6W	MD Reference	DFE @ 6275 0ft (H&P 282)
Well	SJ 30-6 #3M	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-T30N-R6W				
Site Position		Northing	2 113 288 16 ft	Latitude	36° 48' 7.609 N
From	Lat/Long	Easting	157 476 33 ft	Longitude	107° 25' 11.772 W
Position Uncertainty	0 0 ft	Slot Radius	6-1/8"	Grid Convergence	-0.70 °

Well	SJ 30-6 #3M, S-Type MV/DK Well					
Well Position	+N/-S	0 0 ft	Northing	2,113 288 16 ft	Latitude	36° 48' 7.609 N
	+E/-W	0 0 ft	Easting	157,476 33 ft	Longitude	107° 25' 11.772 W
Position Uncertainty	3 5 ft	Wellhead Elevation	ft	Ground Level	6,259 0 ft	

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2009	4/28/2010	9.88	63.65	50 955

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	181.74	

Survey Program	Date 5/13/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
298 0	3 839 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)	Builde 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
298 0	1.12	9.01	298 0	2.9	0.5	-2.9	0.38	0.38	0.00
359 0	0.66	355.57	359 0	3.8	0.5	-3.8	0.82	-0.75	22.03
420 0	1.14	220.10	420 0	3.7	0.1	-3.7	2.75	0.79	-222.08
482 0	3.60	203.17	481.9	1.4	-1.1	-1.4	4.08	3.97	-27.31
544 0	5.89	193.84	543.7	-3.3	-2.6	3.4	3.57	3.37	-15.05
605 0	7.45	189.63	604.3	-10.2	-3.9	10.3	2.99	2.89	-6.90
667 0	8.85	185.49	665.7	-18.9	-5.1	19.0	2.45	2.26	-6.68
728 0	10.91	180.65	725.8	-29.3	-5.6	29.5	3.64	3.38	-7.93
807 0	13.79	182.83	802.9	-46.2	-6.1	46.4	3.69	3.65	2.76
896 0	16.40	180.66	888.9	-69.4	-6.8	69.5	3.00	2.93	-2.44
986 0	19.18	183.02	974.5	-96.8	-7.7	97.0	3.19	3.09	2.62
1,076 0	22.04	180.11	1 058.8	-128.5	-8.5	128.7	3.37	3.18	-3.23

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #3M
Project:	SJB (NM Central)	TVD Reference:	DFE @ 6275.0ft (H&P 282)
Site:	SEC 24-T30N-R6W	MD Reference:	DFE @ 6275.0ft (H&P 282)
Well:	SJ 30-6 #3M	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)
1,166.0	24.90	179.90	1,141.3	-164.3	-8.5	164.5	3.18	3.18	-0.23
1,256.0	27.90	180.19	1,221.9	-204.4	-8.6	204.5	3.34	3.33	0.32
1,346.0	31.04	182.54	1,300.3	-248.6	-9.7	248.8	3.72	3.49	2.61
1,436.0	33.42	181.60	1,376.4	-296.6	-11.4	296.8	2.70	2.64	-1.04
1,526.0	34.84	182.24	1,450.9	-347.0	-13.1	347.3	1.63	1.58	0.71
1,616.0	34.57	180.76	1,524.9	-398.3	-14.4	398.5	0.98	-0.30	-1.64
1,705.0	35.19	181.76	1,597.9	-449.1	-15.6	449.4	0.95	0.70	1.12
1,795.0	35.75	181.97	1,671.2	-501.3	-17.3	501.6	0.64	0.62	0.23
1,885.0	35.94	181.75	1,744.2	-554.0	-19.0	554.3	0.26	0.21	-0.24
1,975.0	34.74	180.77	1,817.6	-606.1	-20.1	606.4	1.47	-1.33	-1.09
2,065.0	33.24	179.58	1,892.2	-656.4	-20.3	656.7	1.82	-1.67	-1.32
2,155.0	33.36	182.60	1,967.4	-705.8	-21.2	706.1	1.85	0.13	3.36
2,245.0	33.41	182.80	2,042.6	-755.2	-23.6	755.6	0.13	0.06	0.22
2,335.0	33.81	182.65	2,117.5	-805.0	-25.9	805.4	0.45	0.44	-0.17
2,425.0	34.42	182.76	2,192.0	-855.4	-28.3	855.9	0.68	0.68	0.12
2,515.0	35.27	183.06	2,265.9	-906.8	-30.9	907.3	0.96	0.94	0.33
2,605.0	31.75	182.00	2,340.9	-956.4	-33.1	957.0	3.96	-3.91	-1.18
2,695.0	28.82	180.50	2,418.6	-1,001.8	-34.2	1,002.3	3.36	-3.26	-1.67
2,785.0	25.21	183.24	2,498.8	-1,042.6	-35.4	1,043.2	4.24	-4.01	3.04
2,874.0	22.35	187.59	2,580.2	-1,078.3	-38.7	1,079.0	3.77	-3.21	4.89
2,964.0	19.99	183.67	2,664.2	-1,110.6	-42.0	1,111.4	3.06	-2.62	-4.36
3,054.0	16.31	180.42	2,749.7	-1,138.6	-43.1	1,139.4	4.24	-4.09	-3.61
3,145.0	13.39	173.47	2,837.6	-1,161.9	-42.0	1,162.6	3.75	-3.21	-7.64
3,234.0	9.90	183.78	2,924.8	-1,179.8	-41.3	1,180.5	4.55	-3.92	11.58
3,324.0	6.60	186.02	3,013.9	-1,192.6	-42.3	1,193.4	3.68	-3.67	2.49
3,414.0	4.67	166.12	3,103.4	-1,201.3	-42.0	1,202.0	3.02	-2.14	-22.11
3,504.0	3.52	159.91	3,193.2	-1,207.5	-40.2	1,208.1	1.37	-1.28	-6.90
3,594.0	3.58	153.91	3,283.0	-1,212.6	-38.0	1,213.2	0.42	0.07	-6.67
3,639.0	3.75	158.39	3,327.9	-1,215.2	-36.8	1,215.8	0.74	0.38	9.96