District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 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
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-30788	72319 / 71599	BLANCO MESAVERDE / BASIN DAKOTA

[4] Property Code	[5] Property Name	[6] Well Number
7469	SAN JUAN 30-6 UNIT	147M

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY LP	6191'

[10] Surface Location

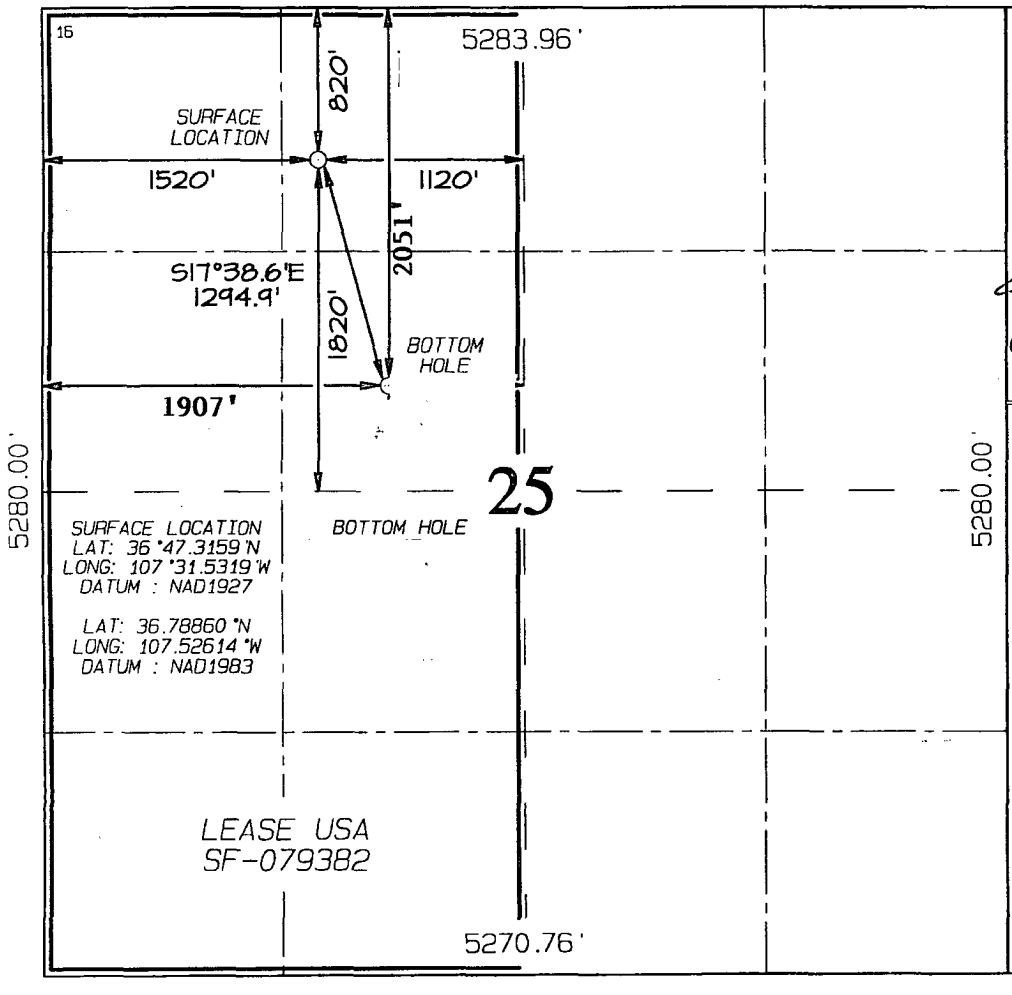
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	25	30N	7W		820	NORTH	1520	WEST	RIO ARRIBA

[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
F	25	30N	7W		**2051**	NORTH	**1907**	WEST	RIO ARRIBA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.0 Acres - W/2 (MV) 320.0 Acres - W/2 (DK)			RCVD OCT 21 '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



[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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 10/19/2010
Signature Date

Crystal Tafoya 10/19/10
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.

Survey Date: JANUARY 13, 2009

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

COP Deviation Report ConocoPhillips **API: 3003930788**

RECEIVED
OIL CONS. DIV.
DIST. 3

Legal WellName : SAN JUAN 30-6 UNIT #147M	**API / UWI:** 3003930788
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	**Surf Loc:** 025-030N-007W-C
St/Prov: NEW MEXICO	**N/S Dist (ft):** 820.00 - FNL
County: RIO ARRIBA	**E/W Dist (ft):** 1,520.00 - FWL

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
INCLINATION SURVEY	02/16/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
02/16/2010	245.00	.25	.00	Inc-Drop	AWS

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DIRECTIONAL SURVEY	02/17/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
02/18/2010	390.00	.90	202.36	IncAzi-MWD	Scientific Drilling
02/18/2010	451.00	2.43	195.40	IncAzi-MWD	Scientific Drilling
02/18/2010	513.00	3.46	188.96	IncAzi-MWD	Scientific Drilling
02/18/2010	575.00	4.67	176.44	IncAzi-MWD	Scientific Drilling
02/18/2010	635.00	5.42	172.58	IncAzi-MWD	Scientific Drilling
02/18/2010	697.00	6.68	168.75	IncAzi-MWD	Scientific Drilling
02/19/2010	759.00	7.61	170.25	IncAzi-MWD	Scientific Drilling
02/19/2010	820.00	8.58	165.81	IncAzi-MWD	Scientific Drilling
02/19/2010	881.00	9.93	163.31	IncAzi-MWD	Scientific Drilling
02/19/2010	946.00	11.38	162.50	IncAzi-MWD	Scientific Drilling
02/19/2010	1,010.00	12.62	161.59	IncAzi-MWD	Scientific Drilling
02/19/2010	1,073.00	13.50	161.44	IncAzi-MWD	Scientific Drilling
02/19/2010	1,136.00	14.46	162.85	IncAzi-MWD	Scientific Drilling
02/19/2010	1,200.00	15.44	162.67	IncAzi-MWD	Scientific Drilling
02/19/2010	1,263.00	16.51	163.21	IncAzi-MWD	Scientific Drilling
02/19/2010	1,327.00	17.95	165.31	IncAzi-MWD	Scientific Drilling
02/19/2010	1,390.00	18.96	165.49	IncAzi-MWD	Scientific Drilling
02/19/2010	1,453.00	19.81	165.09	IncAzi-MWD	Scientific Drilling
02/19/2010	1,517.00	21.22	163.28	IncAzi-MWD	Scientific Drilling
02/19/2010	1,581.00	22.37	162.93	IncAzi-MWD	Scientific Drilling
02/19/2010	1,645.00	22.98	162.77	IncAzi-MWD	Scientific Drilling
02/19/2010	1,707.00	23.41	161.45	IncAzi-MWD	Scientific Drilling
02/19/2010	1,771.00	24.58	161.27	IncAzi-MWD	Scientific Drilling
02/19/2010	1,835.00	25.59	161.18	IncAzi-MWD	Scientific Drilling
02/19/2010	1,898.00	27.19	160.28	IncAzi-MWD	Scientific Drilling
02/19/2010	1,961.00	27.92	159.43	IncAzi-MWD	Scientific Drilling
02/19/2010	2,025.00	28.63	159.76	IncAzi-MWD	Scientific Drilling
02/19/2010	2,088.00	28.21	159.20	IncAzi-MWD	Scientific Drilling

02/19/2010	2,151.00	28.48	160.50	IncAzi-MWD	Scientific Drilling
02/19/2010	2,214.00	29.46	162.57	IncAzi-MWD	Scientific Drilling
02/19/2010	2,277.00	31.19	163.41	IncAzi-MWD	Scientific Drilling
02/19/2010	2,340.00	32.47	164.31	IncAzi-MWD	Scientific Drilling
02/19/2010	2,402.00	33.31	163.91	IncAzi-MWD	Scientific Drilling
02/19/2010	2,465.00	33.34	164.13	IncAzi-MWD	Scientific Drilling
02/19/2010	2,528.00	33.56	163.37	IncAzi-MWD	Scientific Drilling
02/19/2010	2,591.00	32.57	162.08	IncAzi-MWD	Scientific Drilling
02/19/2010	2,654.00	32.26	160.69	IncAzi-MWD	Scientific Drilling
02/19/2010	2,717.00	31.24	160.05	IncAzi-MWD	Scientific Drilling
02/19/2010	2,780.00	29.49	158.30	IncAzi-MWD	Scientific Drilling
02/19/2010	2,842.00	29.05	158.27	IncAzi-MWD	Scientific Drilling
02/19/2010	2,905.00	28.16	161.01	IncAzi-MWD	Scientific Drilling
02/19/2010	2,969.00	28.12	162.75	IncAzi-MWD	Scientific Drilling
02/19/2010	3,032.00	27.69	164.92	IncAzi-MWD	Scientific Drilling
02/19/2010	3,095.00	27.26	165.60	IncAzi-MWD	Scientific Drilling
02/20/2010	3,158.00	26.70	166.70	IncAzi-MWD	Scientific Drilling
02/20/2010	3,220.00	25.56	165.57	IncAzi-MWD	Scientific Drilling
02/20/2010	3,283.00	23.01	165.07	IncAzi-MWD	Scientific Drilling
02/20/2010	3,347.00	21.26	163.99	IncAzi-MWD	Scientific Drilling
02/21/2010	3,409.00	21.41	164.02	IncAzi-MWD	Scientific Drilling
02/21/2010	3,473.00	21.79	163.66	IncAzi-MWD	Scientific Drilling
02/21/2010	3,536.00	21.27	162.40	IncAzi-MWD	Scientific Drilling
02/21/2010	3,600.00	20.02	161.60	IncAzi-MWD	Scientific Drilling
02/21/2010	3,662.00	18.72	160.98	IncAzi-MWD	Scientific Drilling
02/21/2010	3,726.00	16.92	160.49	IncAzi-MWD	Scientific Drilling
02/21/2010	3,790.00	14.88	159.22	IncAzi-MWD	Scientific Drilling
02/21/2010	3,853.00	12.95	158.10	IncAzi-MWD	Scientific Drilling
02/21/2010	3,916.00	10.51	157.95	IncAzi-MWD	Scientific Drilling
02/22/2010	3,979.00	8.44	155.71	IncAzi-MWD	Scientific Drilling
02/22/2010	4,042.00	7.32	157.00	IncAzi-MWD	Scientific Drilling
02/22/2010	4,105.00	6.31	154.43	IncAzi-MWD	Scientific Drilling
02/22/2010	4,168.00	5.46	155.72	IncAzi-MWD	Scientific Drilling
02/22/2010	4,213.00	4.51	157.48	IncAzi-MWD	Scientific Drilling
02/22/2010	4,269.00	3.33	159.67	IncAzi-MWD	Scientific Drilling

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
FINAL BH SURVEY	03/09/2010	.00	.00	.00

Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
03/09/2010	7,861.00	.75	.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.

Tom Pabmeier

Subscribed and sworn to me this October 19, 2010

Crystal L. Tafoya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

ConocoPhillips

SJB (NM Central)
SEC 25-T30N-R7W
SJ 30-6 #147M
API # 30-039-30788
Original Hole

Survey: Actual

Standard Survey Report

31 March, 2010

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

Notorized this date 1st of April, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
CARRIE REED
My Commission Expires
October 4, 2011

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #147M
Project:	SJB (NM Central)	**TVD Reference:**	DFE @ 6206.0ft (AWS 730)
Site:	SEC 25-T30N-R7W	**MD Reference:**	DFE @ 6206.0ft (AWS 730)
Well:	SJ 30-6 #147M	**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 25-T30N-R7W				
Site Position:		**Northing:**	2,106,602.67 ft	**Latitude:**	36° 46' 57.492 N
From:	Lat/Long	**Easting:**	125,710.61 ft	**Longitude:**	107° 31' 41.190 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	6-1/8"	**Grid Convergence:**	-0.77 °

Well	SJ 30-6 #147M, S-Type MV/DK Well					
Well Position	**+N/-S**	0.0 ft	**Northing:**	2,108,763.04 ft	**Latitude:**	36° 47' 18.954 N
	+E/-W	0.0 ft	**Easting:**	126,494.15 ft	**Longitude:**	107° 31' 31.914 W
Position Uncertainty		3.5 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,191.0 ft

Wellbore	Original Hole				
Magnetics	***Model Name***	***Sample Date***	***Declination (°)***	***Dip Angle (°)***	***Field Strength (nT)***
	BGGM2009	1/11/2010	9.97	63.62	50,959

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	162.55	

Survey Program **Date** 3/31/2010

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
328.0	4,213.0	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
328.0	0.17	271.85	328.0	0.0	-0.5	-0.2	0.05	0.05	0.00
390.0	0.90	202.36	390.0	-0.4	-0.8	0.2	1.38	1.18	-112.08
451.0	2.43	195.40	451.0	-2.1	-1.3	1.6	2.53	2.51	-11.41
513.0	3.46	188.96	512.9	-5.2	-1.9	4.4	1.74	1.66	-10.39
575.0	4.67	176.44	574.7	-9.6	-2.1	8.5	2.41	1.95	-20.19
635.0	5.42	172.58	634.5	-14.9	-1.5	13.7	1.37	1.25	-6.43
697.0	6.68	168.75	696.2	-21.3	-0.5	20.2	2.13	2.03	-6.18
759.0	7.61	170.25	757.7	-28.9	0.9	27.8	1.53	1.50	2.42
820.0	8.58	165.81	818.1	-37.3	2.7	36.4	1.89	1.59	-7.28
881.0	9.93	163.31	878.3	-46.7	5.4	46.2	2.31	2.21	-4.10
946.0	11.38	162.50	942.1	-58.2	8.9	58.2	2.24	2.23	-1.25
1,010.0	12.62	161.59	1,004.7	-70.9	13.0	71.5	1.96	1.94	-1.42

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	**Local Co-ordinate Reference:**	Well SJ 30-6 #147M
Project:	SJB (NM Central)	**TVD Reference:**	DFE @ 6206.0ft (AWS 730)
Site:	SEC 25-T30N-R7W	**MD Reference:**	DFE @ 6206.0ft (AWS 730)
Well:	SJ 30-6 #147M	**North Reference:**	True
Wellbore:	Original Hole	**Survey Calculation Method:**	Minimum Curvature
Design:	Original Hole	**Database:**	edmCOP

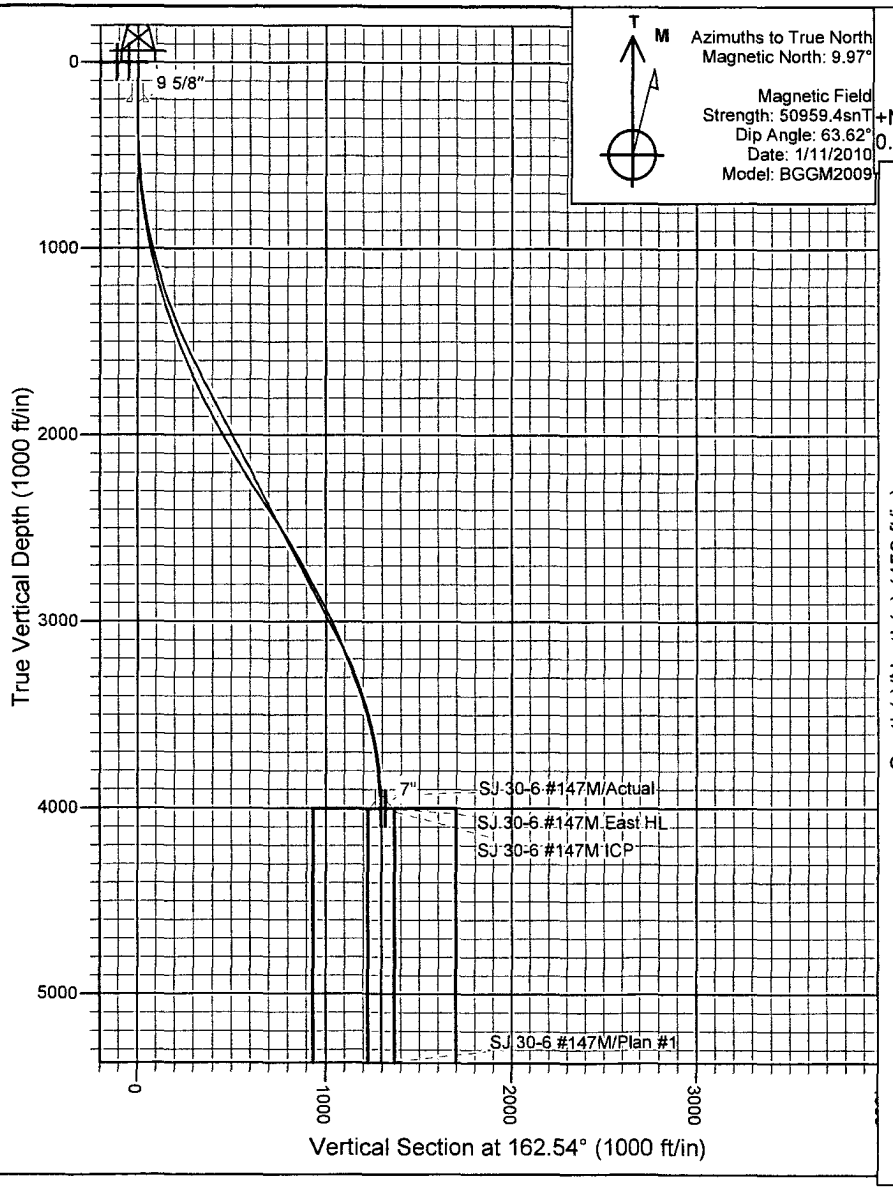
Survey

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)
1,073.0	13.50	161.44	1,066.1	-84.4	17.5	85.7	1.40	1.40	-0.24
1,136.0	14.46	162.85	1,127.2	-98.8	22.2	100.9	1.62	1.52	2.24
1,200.0	15.44	162.67	1,189.1	-114.6	27.1	117.5	1.53	1.53	-0.28
1,263.0	16.51	163.21	1,249.6	-131.2	32.2	134.8	1.71	1.70	0.86
1,327.0	17.95	165.31	1,310.8	-149.4	37.3	153.7	2.45	2.25	3.28
1,390.0	18.96	165.49	1,370.5	-168.7	42.3	173.7	1.61	1.60	0.29
1,453.0	19.81	165.09	1,430.0	-189.0	47.6	194.5	1.37	1.35	-0.63
1,517.0	21.22	163.28	1,489.9	-210.5	53.7	217.0	2.42	2.20	-2.83
1,581.0	22.37	162.93	1,549.3	-233.3	60.7	240.7	1.81	1.80	-0.55
1,645.0	22.98	162.77	1,608.4	-256.8	67.9	265.4	0.96	0.95	-0.25
1,707.0	23.41	161.45	1,665.4	-280.1	75.4	289.8	1.09	0.69	-2.13
1,771.0	24.58	161.27	1,723.8	-304.7	83.8	315.8	1.83	1.83	-0.28
1,835.0	25.59	161.18	1,781.8	-330.4	92.5	343.0	1.58	1.58	-0.14
1,898.0	27.19	160.28	1,838.2	-356.9	101.7	370.9	2.62	2.54	-1.43
1,961.0	27.92	159.43	1,894.1	-384.2	111.8	400.1	1.32	1.16	-1.35
2,025.0	28.63	159.76	1,950.4	-412.6	122.3	430.3	1.14	1.11	0.52
2,088.0	28.21	159.20	2,005.9	-440.7	132.8	460.3	0.79	-0.67	-0.89
2,151.0	28.48	160.50	2,061.3	-468.8	143.1	490.1	1.07	0.43	2.06
2,214.0	29.46	162.57	2,116.4	-497.7	152.8	520.7	2.23	1.56	3.29
2,277.0	31.19	163.41	2,170.8	-528.2	162.1	552.5	2.83	2.75	1.33
2,340.0	32.47	164.31	2,224.3	-560.1	171.3	585.7	2.17	2.03	1.43
2,402.0	33.31	163.91	2,276.4	-592.5	180.6	619.3	1.40	1.35	-0.65
2,465.0	33.34	164.13	2,329.0	-625.7	190.1	653.9	0.20	0.05	0.35
2,528.0	33.56	163.37	2,381.6	-659.1	199.8	688.6	0.75	0.35	-1.21
2,591.0	32.57	162.08	2,434.4	-691.9	210.0	723.0	1.93	-1.57	-2.05
2,654.0	32.26	160.69	2,487.6	-723.9	220.8	756.8	1.28	-0.49	-2.21
2,717.0	31.24	160.05	2,541.1	-755.1	231.9	789.9	1.70	-1.62	-1.02
2,780.0	29.49	158.30	2,595.5	-784.9	243.2	821.7	3.11	-2.78	-2.78
2,842.0	29.05	158.27	2,649.6	-813.0	254.4	851.9	0.71	-0.71	-0.05
2,905.0	28.16	161.01	2,704.9	-841.3	264.9	882.0	2.52	-1.41	4.35
2,969.0	28.12	162.75	2,761.3	-870.0	274.3	912.2	1.28	-0.06	2.72
3,032.0	27.69	164.92	2,817.0	-898.3	282.5	941.7	1.75	-0.68	3.44
3,095.0	27.26	165.60	2,872.9	-926.4	289.9	970.7	0.84	-0.68	1.08
3,158.0	26.70	166.70	2,929.0	-954.2	296.8	999.2	1.19	-0.89	1.75
3,220.0	25.56	165.57	2,984.7	-980.7	303.3	1,026.5	2.01	-1.84	-1.82
3,283.0	23.01	165.07	3,042.1	-1,005.7	309.9	1,052.4	4.06	-4.05	-0.79
3,347.0	21.26	163.99	3,101.4	-1,029.0	316.3	1,076.5	2.81	-2.73	-1.69
3,409.0	21.41	164.02	3,159.2	-1,050.7	322.5	1,099.0	0.24	0.24	0.05
3,473.0	21.79	163.66	3,218.7	-1,073.3	329.1	1,122.6	0.63	0.59	-0.56
3,536.0	21.27	162.40	3,277.3	-1,095.4	335.8	1,145.7	1.10	-0.83	-2.00
3,600.0	20.02	161.60	3,337.2	-1,116.9	342.8	1,168.3	2.00	-1.95	-1.25
3,662.0	18.72	160.98	3,395.7	-1,136.3	349.4	1,188.8	2.12	-2.10	-1.00
3,726.0	16.92	160.49	3,456.6	-1,154.8	355.8	1,208.4	2.82	-2.81	-0.77
3,790.0	14.88	159.22	3,518.1	-1,171.3	361.9	1,225.9	3.23	-3.19	-1.98
3,853.0	12.95	158.10	3,579.3	-1,185.4	367.4	1,241.0	3.09	-3.06	-1.78
3,916.0	10.51	157.95	3,641.0	-1,197.3	372.2	1,253.8	3.87	-3.87	-0.24
3,979.0	8.44	155.71	3,703.1	-1,206.8	376.2	1,264.1	3.34	-3.29	-3.56
4,042.0	7.32	157.00	3,765.5	-1,214.7	379.7	1,272.7	1.80	-1.78	2.05
4,105.0	6.31	154.43	3,828.1	-1,221.6	382.7	1,280.1	1.67	-1.60	-4.08
4,168.0	5.46	155.72	3,890.7	-1,227.4	385.5	1,286.5	1.37	-1.35	2.05
4,213.0	4.51	157.48	3,935.5	-1,231.0	387.0	1,290.4	2.14	-2.11	3.91

Scientific Drilling
Directional Drilling Operations

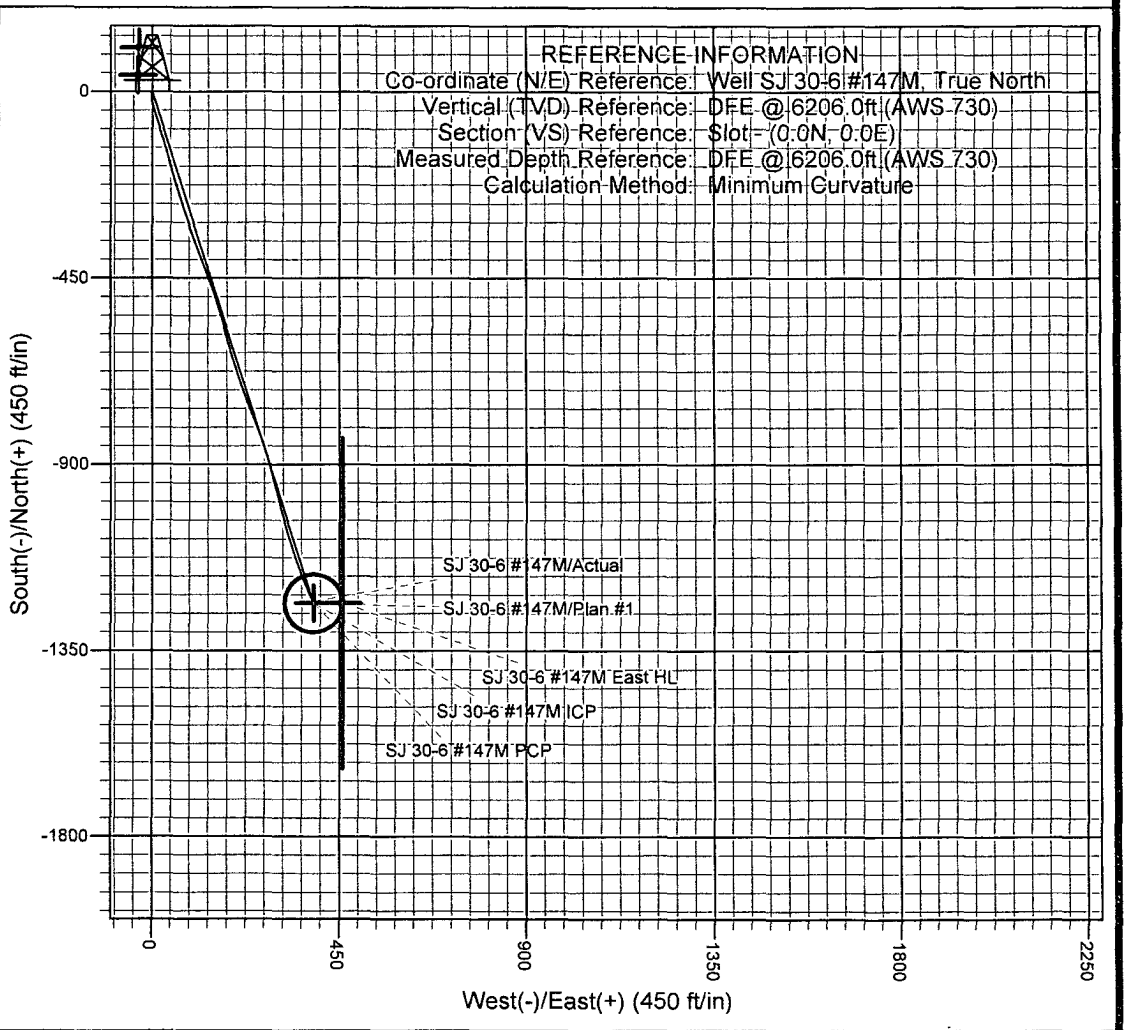
Project: SJB (NM Central)
SEC 25-T30N-R7W
Well: SJ 30-6 #147M
Wellbore: Original Hole
Design: Plan #1
Site:

ConocoPhillips



WELL DETAILS: SJ 30-6 #147M
DFE @ 6206.0ft (AWS 730)
Ground Level: 6191.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	2108763.04	126494.15	36° 47' 18.954 N	107° 31' 31.914 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 25-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 57.492 N
Longitude: 107° 31' 41.190 W
Positional Uncertainity: 0.0
Convergence: -0.77
Local North: True