

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
RCVD DEC 22 '10
OIL CONS. DIV.

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30777	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30 - 6 UNIT	⁶ Well Number 100M
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6846'

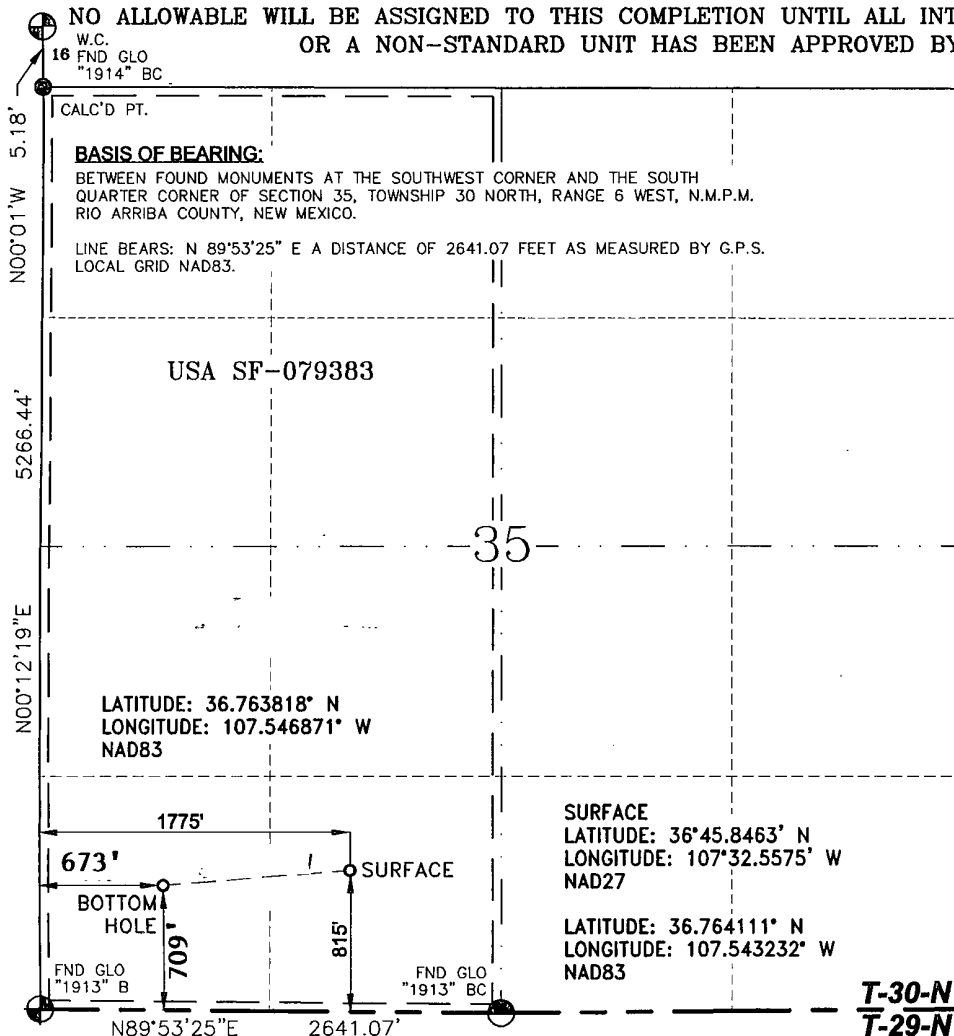
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	30-N	7-W		815	SOUTH	1775	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
M	35	30-N	7-W		709	SOUTH	673	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.		

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 released 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.

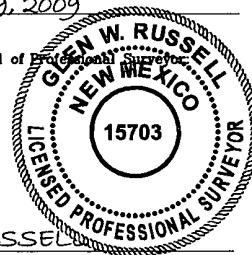
Crystal Tafoya 12/22/10
Signature
Crystal Tafoya 12/22/2010
Printed Name

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.

OCTOBER 29, 2009
Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL
Certificate Number 15703

Legal WellName : SAN JUAN 30-6 UNIT #100M	API / UWI: 3003930777
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 035-030N-007W-N
St/Prov: NEW MEXICO	N/S Dist (ft): 815.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,775.00 - FWL

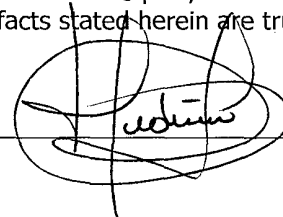
Wellbore Name : Original Hole					
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
INCLINATION SURVEY	11/02/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/02/2010	129.00	.75	.00	Inc-Drop	MO-TE DRILLING INC
11/02/2010	239.00	1.00	.00	Inc-Drop	MO-TE DRILLING INC
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
MWD SURVEY	11/10/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/11/2010	203.00	.00	.00	IncAzi-MWD	Scientific Drilling
11/11/2010	245.00	.71	162.84	IncAzi-MWD	Scientific Drilling
11/11/2010	306.00	.75	195.36	IncAzi-MWD	Scientific Drilling
11/11/2010	337.00	.91	230.61	IncAzi-MWD	Scientific Drilling
11/11/2010	368.00	1.75	248.47	IncAzi-MWD	Scientific Drilling
11/11/2010	399.00	2.29	258.98	IncAzi-MWD	Scientific Drilling
11/11/2010	430.00	2.86	264.45	IncAzi-MWD	Scientific Drilling
11/11/2010	461.00	3.52	264.54	IncAzi-MWD	Scientific Drilling
11/11/2010	490.00	4.49	265.68	IncAzi-MWD	Scientific Drilling
11/11/2010	521.00	5.77	270.44	IncAzi-MWD	Scientific Drilling
11/11/2010	552.00	7.02	267.54	IncAzi-MWD	Scientific Drilling
11/11/2010	583.00	8.03	268.16	IncAzi-MWD	Scientific Drilling
11/11/2010	614.00	9.21	267.44	IncAzi-MWD	Scientific Drilling
11/11/2010	645.00	10.06	267.45	IncAzi-MWD	Scientific Drilling
11/11/2010	676.00	11.09	267.47	IncAzi-MWD	Scientific Drilling
11/11/2010	707.00	12.27	266.99	IncAzi-MWD	Scientific Drilling
11/11/2010	738.00	13.38	264.98	IncAzi-MWD	Scientific Drilling
11/11/2010	768.00	14.98	265.21	IncAzi-MWD	Scientific Drilling
11/11/2010	800.00	15.76	263.76	IncAzi-MWD	Scientific Drilling
11/11/2010	830.00	16.90	263.32	IncAzi-MWD	Scientific Drilling
11/11/2010	861.00	18.14	263.13	IncAzi-MWD	Scientific Drilling
11/11/2010	893.00	19.31	263.21	IncAzi-MWD	Scientific Drilling
11/11/2010	924.00	19.87	263.23	IncAzi-MWD	Scientific Drilling
11/11/2010	956.00	21.05	264.31	IncAzi-MWD	Scientific Drilling
11/11/2010	988.00	22.17	265.62	IncAzi-MWD	Scientific Drilling
11/11/2010	1,019.00	23.24	266.11	IncAzi-MWD	Scientific Drilling
11/11/2010	1,051.00	24.05	266.88	IncAzi-MWD	Scientific Drilling

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11/11/2010	1,082.00	24.87	266.79	IncAzi-MWD	Scientific Drilling
11/11/2010	1,114.00	25.75	266.62	IncAzi-MWD	Scientific Drilling
11/11/2010	1,145.00	26.68	266.16	IncAzi-MWD	Scientific Drilling
11/11/2010	1,177.00	26.95	265.56	IncAzi-MWD	Scientific Drilling
11/11/2010	1,208.00	28.01	264.26	IncAzi-MWD	Scientific Drilling
11/11/2010	1,272.00	29.47	265.63	IncAzi-MWD	Scientific Drilling
11/11/2010	1,334.00	29.53	263.38	IncAzi-MWD	Scientific Drilling
11/11/2010	1,397.00	30.20	263.26	IncAzi-MWD	Scientific Drilling
11/11/2010	1,461.00	29.84	263.22	IncAzi-MWD	Scientific Drilling
11/11/2010	1,524.00	30.04	263.06	IncAzi-MWD	Scientific Drilling
11/11/2010	1,588.00	30.00	262.25	IncAzi-MWD	Scientific Drilling
11/11/2010	1,651.00	29.21	262.74	IncAzi-MWD	Scientific Drilling
11/11/2010	1,715.00	27.75	263.77	IncAzi-MWD	Scientific Drilling
11/12/2010	1,778.00	27.42	263.56	IncAzi-MWD	Scientific Drilling
11/12/2010	1,841.00	27.76	263.29	IncAzi-MWD	Scientific Drilling
11/12/2010	1,904.00	27.04	263.73	IncAzi-MWD	Scientific Drilling
11/12/2010	1,967.00	27.09	264.31	IncAzi-MWD	Scientific Drilling
11/12/2010	2,030.00	27.49	264.84	IncAzi-MWD	Scientific Drilling
11/12/2010	2,094.00	27.48	264.15	IncAzi-MWD	Scientific Drilling
11/12/2010	2,157.00	27.20	264.04	IncAzi-MWD	Scientific Drilling
11/12/2010	2,220.00	27.76	264.96	IncAzi-MWD	Scientific Drilling
11/12/2010	2,284.00	27.94	264.70	IncAzi-MWD	Scientific Drilling
11/12/2010	2,347.00	27.36	263.86	IncAzi-MWD	Scientific Drilling
11/12/2010	2,410.00	26.89	263.41	IncAzi-MWD	Scientific Drilling
11/12/2010	2,474.00	26.53	263.67	IncAzi-MWD	Scientific Drilling
11/12/2010	2,537.00	25.35	263.50	IncAzi-MWD	Scientific Drilling
11/12/2010	2,569.00	25.05	264.40	IncAzi-MWD	Scientific Drilling
11/12/2010	2,600.00	24.98	263.33	IncAzi-MWD	Scientific Drilling
11/12/2010	2,632.00	24.72	263.82	IncAzi-MWD	Scientific Drilling
11/12/2010	2,663.00	24.22	262.72	IncAzi-MWD	Scientific Drilling
11/12/2010	2,695.00	23.53	263.71	IncAzi-MWD	Scientific Drilling
11/12/2010	2,727.00	21.91	264.50	IncAzi-MWD	Scientific Drilling
11/12/2010	2,758.00	20.28	265.44	IncAzi-MWD	Scientific Drilling
11/12/2010	2,789.00	19.65	266.77	IncAzi-MWD	Scientific Drilling
11/12/2010	2,821.00	19.13	265.21	IncAzi-MWD	Scientific Drilling
11/12/2010	2,853.00	19.74	265.97	IncAzi-MWD	Scientific Drilling
11/12/2010	2,885.00	19.75	267.09	IncAzi-MWD	Scientific Drilling
11/12/2010	2,916.00	18.98	267.43	IncAzi-MWD	Scientific Drilling
11/12/2010	2,947.00	18.37	267.77	IncAzi-MWD	Scientific Drilling
11/13/2010	2,979.00	17.81	267.48	IncAzi-MWD	Scientific Drilling
11/13/2010	3,011.00	17.50	265.67	IncAzi-MWD	Scientific Drilling
11/13/2010	3,042.00	16.83	264.15	IncAzi-MWD	Scientific Drilling
11/13/2010	3,074.00	15.83	264.85	IncAzi-MWD	Scientific Drilling
11/13/2010	3,106.00	14.97	263.97	IncAzi-MWD	Scientific Drilling
11/13/2010	3,138.00	14.25	265.25	IncAzi-MWD	Scientific Drilling
11/13/2010	3,169.00	13.30	265.57	IncAzi-MWD	Scientific Drilling
11/13/2010	3,201.00	12.06	265.20	IncAzi-MWD	Scientific Drilling
11/13/2010	3,233.00	11.16	263.17	IncAzi-MWD	Scientific Drilling

11/13/2010	3,265.00	10.43	263.43	IncAzi-MWD	Scientific Drilling
11/13/2010	3,296.00	9.56	262.21	IncAzi-MWD	Scientific Drilling
11/13/2010	3,328.00	8.58	261.29	IncAzi-MWD	Scientific Drilling
11/14/2010	3,360.00	7.57	263.75	IncAzi-MWD	Scientific Drilling
11/14/2010	3,391.00	6.50	263.57	IncAzi-MWD	Scientific Drilling
11/14/2010	3,423.00	5.43	264.67	IncAzi-MWD	Scientific Drilling
11/14/2010	3,454.00	4.34	265.21	IncAzi-MWD	Scientific Drilling
11/14/2010	3,486.00	3.27	264.60	IncAzi-MWD	Scientific Drilling
11/14/2010	3,519.00	2.15	267.64	IncAzi-MWD	Scientific Drilling
11/14/2010	3,550.00	1.90	260.63	IncAzi-MWD	Scientific Drilling
11/14/2010	3,582.00	1.52	265.99	IncAzi-MWD	Scientific Drilling
11/14/2010	3,613.00	1.02	255.54	IncAzi-MWD	Scientific Drilling
11/14/2010	3,645.00	.80	271.34	IncAzi-MWD	Scientific Drilling
11/14/2010	3,708.00	.80	259.72	IncAzi-MWD	Scientific Drilling
11/14/2010	3,740.00	.60	262.82	IncAzi-MWD	Scientific Drilling
11/14/2010	3,771.00	.63	292.13	IncAzi-MWD	Scientific Drilling
11/14/2010	3,803.00	.52	310.67	IncAzi-MWD	Scientific Drilling
11/14/2010	3,834.00	.62	311.35	IncAzi-MWD	Scientific Drilling
11/14/2010	3,867.00	.83	316.68	IncAzi-MWD	Scientific Drilling
11/14/2010	3,899.00	1.06	340.06	IncAzi-MWD	Scientific Drilling
11/14/2010	3,931.00	1.66	353.31	IncAzi-MWD	Scientific Drilling
11/14/2010	3,963.00	1.66	353.31	IncAzi-MWD	Scientific Drilling
11/14/2010	3,994.00	2.30	2.83	IncAzi-MWD	Scientific Drilling
11/14/2010	4,027.00	1.63	34.59	IncAzi-MWD	Scientific Drilling
11/14/2010	4,058.00	1.43	76.68	IncAzi-MWD	Scientific Drilling
11/14/2010	4,090.00	1.52	91.02	IncAzi-MWD	Scientific Drilling
11/14/2010	4,121.00	1.48	105.35	IncAzi-MWD	Scientific Drilling
11/14/2010	4,171.00	1.44	94.27	IncAzi-MWD	Scientific Drilling
Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)	
FINAL BH SURVEY	11/29/2010	.00	.00	.00	
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
11/29/2010	8,434.00	.75	.00	Inc-WL	Phoenix Services LLC

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 December 22, 2010



Crystal L. Tapaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2014

ROVD DEC 22 '10
OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM Central)
SEC 35-T30N-R7W
SJ 30-6 #100M
API# 3003930777
Original Hole

Survey: Actual

Standard Survey Report

06 December, 2010

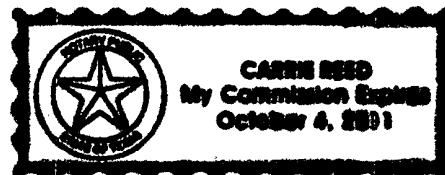
This survey is correct to the best of my knowledge and is supported by actual field data.

Richard

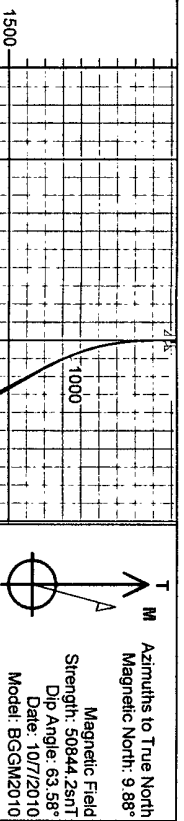
Notorized this date 7th of December, 2010.

Carrin Reed

Notary Signature
County of Midland
State of Texas

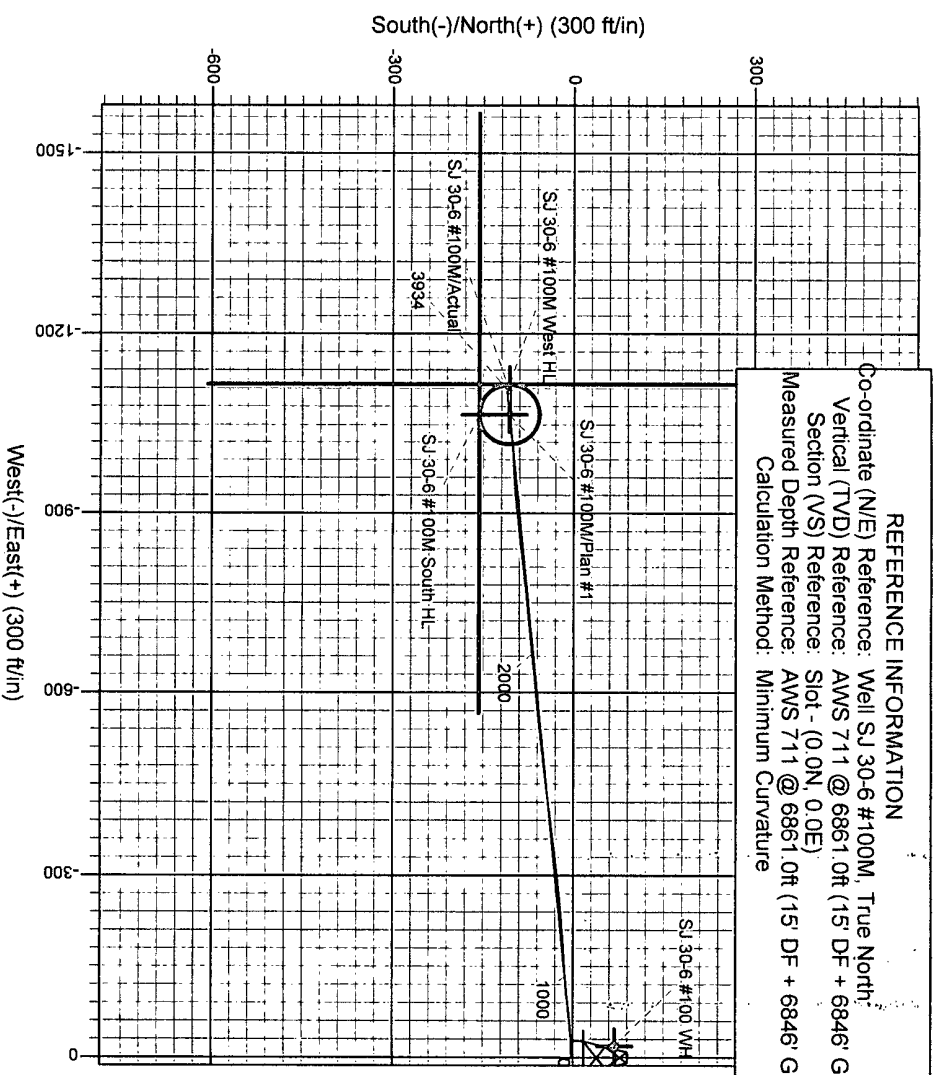
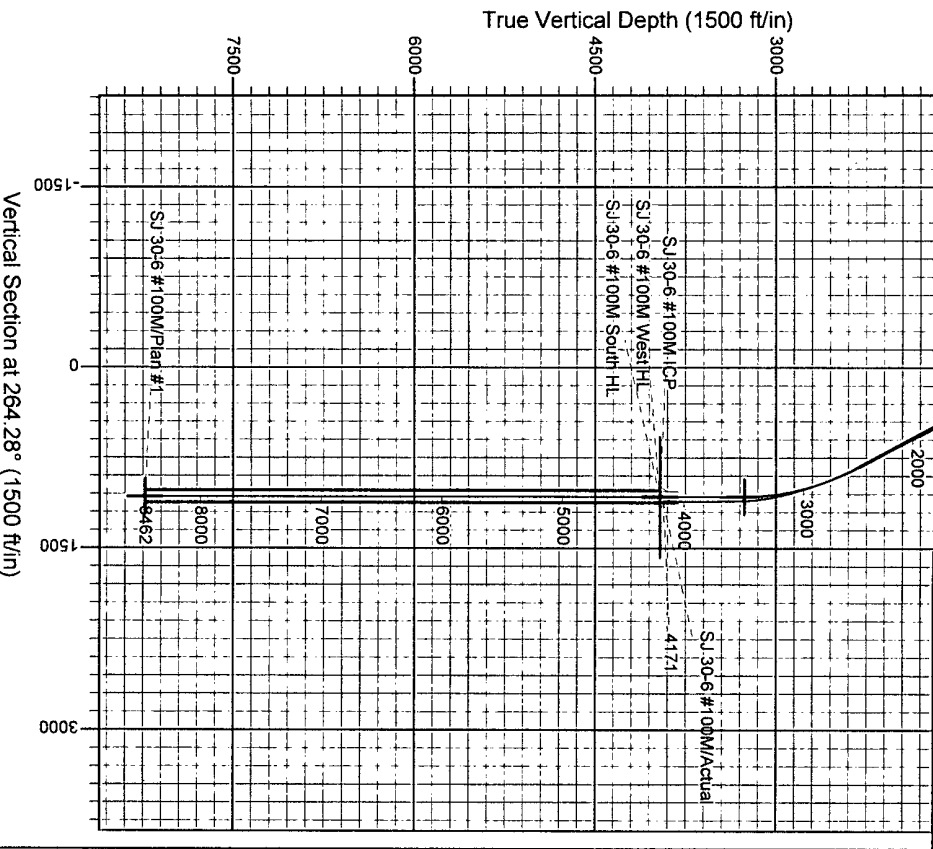


Project: SJB (NM Central)
Site: SEC 35-T30N-R7W
Well: SJ 30-6 #100M
Wellbore: Original Hole
Design: Plan #1



+N/-S	+E/-W	North
0.0	0.0	2099913.02

WELL DETAILS: SJ 30-6 #100M			
AWS 711 @ 6861.0ft (15' DF + 6846' GL)			
Ground Level:	6846.0	Latitude	36° 45' 50.778 N
Easting	121368.11	Longitude	107° 32' 33.450 W
Slot			



REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well SJ 30-6 #100M, True North
Vertical (TVD) Reference: AWS 711 @ 6861.0ft (15' DF + 6846' G)
Section (VS) Reference: Slot - (0.0N, 0.0E)
Measured Depth Reference: AWS 711 @ 6861.0ft (15' DF + 6846' G)
Calculation Method: Minimum Curvature

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-T30N-R7W
Rio Arriba County NM
Site Centre Latitude: 36° 46' 15.816 N
Longitude: 107° 32' 2.100 W
Positional Uncertainty: 0.0
Convergence: -0.77
Local North: True

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #100M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Site:	SEC 35-T30N-R7W	MD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Well:	SJ 30-6 #100M	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-T30N-R7W			
Site Position:		Northing:	2,102,410.77 ft	Latitude:	36° 46' 15.816 N
From:	Lat/Long	Easting:	123,953.02 ft	Longitude:	107° 32' 2.100 W
Position Uncertainty:	0.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0.77 °

Well	SJ 30-6 #100M, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,099,913.02 ft	Latitude:	36° 45' 50.778 N
	+E/-W	0.0 ft	Easting:	121,368.11 ft	Longitude:	107° 32' 33.450 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,846.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2010	10/7/2010	9.88	63.58	50,844

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	264.53

Survey Program	Date 12/6/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
203.0	4,171.0	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	
203.0	0.00	0.00	203.0	0.0	0.0	0.0	0.00	0.00	0.00	
245.0	0.71	162.84	245.0	-0.2	0.1	-0.1	1.69	1.69	0.00	
306.0	0.75	195.36	306.0	-1.0	0.1	0.0	0.67	0.07	53.31	
337.0	0.91	230.61	337.0	-1.3	-0.2	0.3	1.69	0.52	113.71	
368.0	1.75	248.47	368.0	-1.7	-0.8	0.9	2.99	2.71	57.61	
399.0	2.29	258.98	399.0	-2.0	-1.8	2.0	2.11	1.74	33.90	
430.0	2.86	264.45	429.9	-2.2	-3.2	3.4	2.00	1.84	17.65	
461.0	3.52	264.54	460.9	-2.3	-4.9	5.1	2.13	2.13	0.29	
490.0	4.49	265.68	489.8	-2.5	-7.0	7.2	3.36	3.34	3.93	
521.0	5.77	270.44	520.7	-2.6	-9.7	9.9	4.35	4.13	15.35	
552.0	7.02	267.54	551.5	-2.6	-13.2	13.4	4.16	4.03	-9.35	
583.0	8.03	268.16	582.2	-2.8	-17.2	17.4	3.27	3.26	2.00	

Scientific Drilling International, Inc.

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #100M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Site:	SEC 35-T30N-R7W	MD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Well:	SJ 30-6 #100M	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)
614.0	9.21	267.44	612.9	-3.0	-21.9	22.1	3.82	3.81	-2.32
645.0	10.06	267.45	643.4	-3.2	-27.1	27.2	2.74	2.74	0.03
676.0	11.09	267.47	673.9	-3.5	-32.7	32.9	3.32	3.32	0.06
707.0	12.27	266.99	704.3	-3.8	-39.0	39.2	3.82	3.81	-1.55
738.0	13.38	264.98	734.5	-4.3	-45.9	46.1	3.86	3.58	-6.48
768.0	14.98	265.21	763.6	-4.9	-53.2	53.4	5.34	5.33	0.77
800.0	15.76	263.76	794.4	-5.7	-61.6	61.9	2.72	2.44	-4.53
830.0	16.90	263.32	823.2	-6.6	-70.0	70.3	3.82	3.80	-1.47
861.0	18.14	263.13	852.8	-7.7	-79.3	79.7	4.00	4.00	-0.61
893.0	19.31	263.21	883.1	-9.0	-89.5	89.9	3.66	3.66	0.25
924.0	19.87	263.23	912.3	-10.2	-99.8	100.3	1.81	1.81	0.06
956.0	21.05	264.31	942.3	-11.4	-110.9	111.5	3.87	3.69	3.38
988.0	22.17	265.62	972.0	-12.4	-122.7	123.3	3.81	3.50	4.09
1,019.0	23.24	266.11	1,000.6	-13.3	-134.6	135.2	3.51	3.45	1.58
1,051.0	24.05	266.88	1,029.9	-14.1	-147.4	148.1	2.71	2.53	2.41
1,082.0	24.87	266.79	1,058.2	-14.8	-160.2	160.9	2.65	2.65	-0.29
1,114.0	25.75	266.62	1,087.1	-15.6	-173.9	174.6	2.76	2.75	-0.53
1,145.0	26.68	266.16	1,114.9	-16.4	-187.5	188.3	3.07	3.00	-1.48
1,177.0	26.95	265.56	1,143.5	-17.5	-201.9	202.7	1.19	0.84	-1.88
1,208.0	28.01	264.26	1,171.0	-18.8	-216.2	217.0	3.93	3.42	-4.19
1,272.0	29.47	265.63	1,227.1	-21.5	-246.8	247.8	2.50	2.28	2.14
1,334.0	29.53	263.38	1,281.0	-24.4	-277.2	278.3	1.79	0.10	-3.63
1,397.0	30.20	263.26	1,335.7	-28.0	-308.4	309.7	1.07	1.06	-0.19
1,461.0	29.84	263.22	1,391.1	-31.8	-340.2	341.7	0.56	-0.56	-0.06
1,524.0	30.04	263.06	1,445.7	-35.6	-371.4	373.1	0.34	0.32	-0.25
1,588.0	30.00	262.25	1,501.1	-39.7	-403.2	405.1	0.64	-0.06	-1.27
1,651.0	29.21	262.74	1,555.9	-43.7	-434.0	436.2	1.31	-1.25	0.78
1,715.0	27.75	263.77	1,612.1	-47.3	-464.3	466.7	2.41	-2.28	1.61
1,778.0	27.42	263.56	1,668.0	-50.5	-493.3	495.9	0.55	-0.52	-0.33
1,841.0	27.76	263.29	1,723.8	-53.9	-522.3	525.1	0.58	0.54	-0.43
1,904.0	27.04	263.73	1,779.7	-57.1	-551.1	554.0	1.19	-1.14	0.70
1,967.0	27.09	264.31	1,835.8	-60.1	-579.6	582.7	0.43	0.08	0.92
2,030.0	27.49	264.84	1,891.8	-62.9	-608.4	611.6	0.74	0.63	0.84
2,094.0	27.48	264.15	1,948.6	-65.7	-637.8	641.1	0.50	-0.02	-1.08
2,157.0	27.20	264.04	2,004.6	-68.7	-666.5	670.1	0.45	-0.44	-0.17
2,220.0	27.76	264.96	2,060.4	-71.5	-695.5	699.1	1.12	0.89	1.46
2,284.0	27.94	264.70	2,117.0	-74.2	-725.3	729.0	0.34	0.28	-0.41
2,347.0	27.36	263.86	2,172.8	-77.1	-754.4	758.3	1.11	-0.92	-1.33
2,410.0	26.89	263.41	2,228.9	-80.2	-782.9	787.0	0.81	-0.75	-0.71
2,474.0	26.53	263.67	2,286.1	-83.5	-811.5	815.7	0.59	-0.56	0.41
2,537.0	25.35	263.50	2,342.7	-86.6	-838.9	843.3	1.88	-1.87	-0.27
2,599.0	25.05	264.40	2,371.7	-88.0	-852.4	856.9	1.52	-0.94	2.81
2,600.0	24.98	263.33	2,399.8	-89.4	-865.4	870.0	1.48	-0.23	-3.45
2,632.0	24.72	263.82	2,428.8	-90.9	-878.8	883.5	1.04	-0.81	1.53
2,663.0	24.22	262.72	2,457.0	-92.4	-891.6	896.3	2.18	-1.61	-3.55
2,695.0	23.53	263.71	2,486.3	-93.9	-904.4	909.3	2.49	-2.16	3.09
2,727.0	21.91	264.50	2,515.8	-95.2	-916.7	921.6	5.15	-5.06	2.47
2,758.0	20.28	265.44	2,544.7	-96.2	-927.8	932.8	5.37	-5.26	3.03
2,789.0	19.65	266.77	2,573.9	-96.9	-938.4	943.4	2.51	-2.03	4.29
2,821.0	19.13	265.21	2,604.1	-97.7	-949.0	954.0	2.29	-1.63	-4.88
2,853.0	19.74	265.97	2,634.2	-98.5	-959.6	964.6	2.06	1.91	2.38
2,885.0	19.75	267.09	2,664.3	-99.1	-970.4	975.4	1.18	0.03	3.50
2,916.0	18.98	267.43	2,693.6	-99.6	-980.7	985.7	2.51	-2.48	1.10
2,947.0	18.37	267.77	2,723.0	-100.0	-990.6	995.6	2.00	-1.97	1.10

Scientific Drilling International, Inc.
Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #100M
Project:	SJB (NM Central)	TVD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Site:	SEC 35-T30N-R7W	MD Reference:	AWS 711 @ 6861.0ft (15' DF + 6846' GL)
Well:	SJ 30-6 #100M	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)
2,979.0	17.81	267.48	2,753.4	-100.4	-1,000.5	1,005.5	1.77	-1.75	-0.91
3,011.0	17.50	265.67	2,783.9	-101.0	-1,010.2	1,015.2	1.97	-0.97	-5.66
3,042.0	16.83	264.15	2,813.5	-101.8	-1,019.3	1,024.4	2.60	-2.16	-4.90
3,074.0	15.83	264.85	2,844.2	-102.7	-1,028.3	1,033.4	3.18	-3.13	2.19
3,106.0	14.97	263.97	2,875.1	-103.5	-1,036.7	1,041.9	2.78	-2.69	-2.75
3,138.0	14.25	265.25	2,906.0	-104.3	-1,044.8	1,049.9	2.47	-2.25	4.00
3,169.0	13.30	265.57	2,936.1	-104.9	-1,052.1	1,057.3	3.07	-3.06	1.03
3,201.0	12.06	265.20	2,967.3	-105.4	-1,059.1	1,064.3	3.88	-3.88	-1.16
3,233.0	11.16	263.17	2,998.7	-106.1	-1,065.5	1,070.8	3.09	-2.81	-6.34
3,265.0	10.43	263.43	3,030.1	-106.8	-1,071.5	1,076.8	2.29	-2.28	0.81
3,296.0	9.56	262.21	3,060.7	-107.5	-1,076.8	1,082.1	2.89	-2.81	-3.94
3,328.0	8.58	261.29	3,092.3	-108.2	-1,081.8	1,087.2	3.10	-3.06	-2.88
3,360.0	7.57	263.75	3,123.9	-108.8	-1,086.3	1,091.7	3.34	-3.16	7.69
3,391.0	6.50	263.57	3,154.7	-109.2	-1,090.0	1,095.5	3.45	-3.45	-0.58
3,423.0	5.43	264.67	3,186.5	-109.5	-1,093.3	1,098.8	3.36	-3.34	3.44
3,454.0	4.34	265.21	3,217.4	-109.8	-1,096.0	1,101.4	3.52	-3.52	1.74
3,486.0	3.27	264.60	3,249.3	-110.0	-1,098.1	1,103.6	3.35	-3.34	-1.91
3,519.0	2.15	267.64	3,282.3	-110.1	-1,099.6	1,105.1	3.42	-3.39	9.21
3,550.0	1.90	260.63	3,313.3	-110.2	-1,100.7	1,106.2	1.13	-0.81	-22.61
3,582.0	1.52	265.99	3,345.3	-110.3	-1,101.7	1,107.2	1.29	-1.19	16.75
3,613.0	1.02	255.54	3,376.3	-110.4	-1,102.3	1,107.9	1.77	-1.61	-33.71
3,645.0	0.80	271.34	3,408.3	-110.5	-1,102.8	1,108.4	1.04	-0.69	49.38
3,708.0	0.80	259.72	3,471.3	-110.5	-1,103.7	1,109.2	0.26	0.00	-18.44
3,740.0	0.60	262.82	3,503.3	-110.6	-1,104.1	1,109.6	0.64	-0.63	9.69
3,771.0	0.63	292.13	3,534.2	-110.5	-1,104.4	1,109.9	1.01	0.10	94.55
3,803.0	0.52	310.67	3,566.2	-110.4	-1,104.7	1,110.2	0.67	-0.34	57.94
3,834.0	0.62	311.35	3,597.2	-110.2	-1,104.9	1,110.4	0.32	0.32	2.19
3,867.0	0.83	316.68	3,630.2	-109.9	-1,105.2	1,110.7	0.67	0.64	16.15
3,899.0	1.06	340.06	3,662.2	-109.4	-1,105.5	1,110.9	1.39	0.72	73.06
3,931.0	1.66	353.31	3,694.2	-108.7	-1,105.6	1,111.0	2.10	1.88	41.41
3,963.0	1.66	353.31	3,726.2	-107.8	-1,105.8	1,111.0	0.00	0.00	0.00
3,994.0	2.30	2.83	3,757.2	-106.7	-1,105.8	1,110.9	2.31	2.06	30.71
4,027.0	1.63	34.59	3,790.2	-105.7	-1,105.5	1,110.5	3.80	-2.03	96.24
4,058.0	1.43	76.68	3,821.2	-105.2	-1,104.8	1,109.8	3.60	-0.65	135.77
4,090.0	1.52	91.02	3,853.2	-105.1	-1,104.0	1,109.0	1.18	0.28	44.81
4,121.0	1.48	105.35	3,884.1	-105.2	-1,103.2	1,108.2	1.21	-0.13	46.23
4,171.0	1.44	94.27	3,934.1	-105.5	-1,102.0	1,107.0	0.57	-0.08	-22.16