

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

AS DRILLED PLAT

Form C-102
Revised October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30990		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 11M
⁷ GRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 6440'

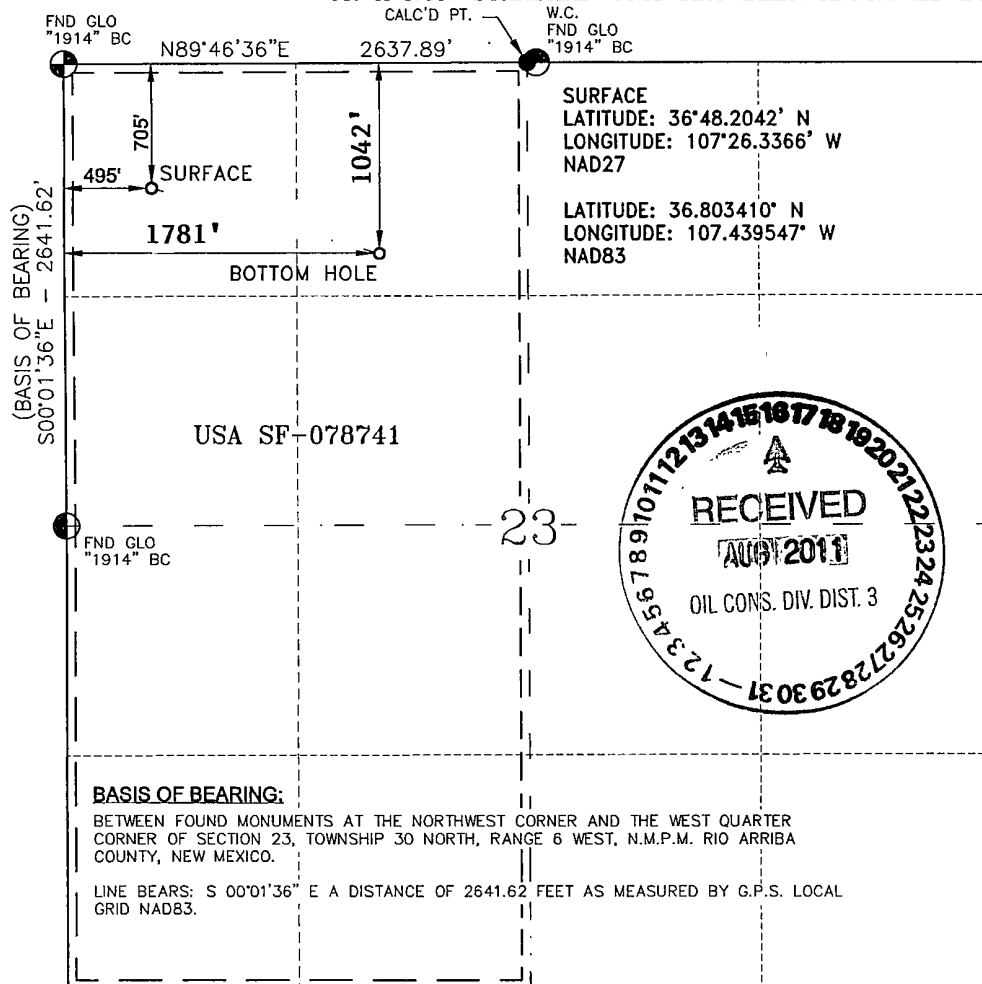
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	30-N	6-W		705	NORTH	495	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
C	23	30-N	6-W		1042'	NORTH	1781'	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 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.

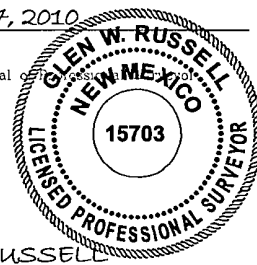
Signature
Marie E. Jaramillo 8/9/11
Printed Name

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.

JANUARY 7, 2010
Date of Survey

Signature and Seal of



GLEN W. RUSSELL
Certificate Number

15703

Ar

P2

**COP Deviation Report
SAN JUAN 30-6 UNIT #11M**

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #11M	API / UWI 3003930990	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 023-030N-006W-D	N/S Dist (ft) 705 00	N/S Ref FNL	E/W Dist (ft) 495.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
5/25/2011	130.00	0.75	Inc-WL	MOTE	
5/25/2011	239.00	1.50	Inc-WL	MOTE	
6/10/2011	294.00	0.89	IncAzi-MWD	Scientific Drilling	
6/10/2011	356.00	0.74	IncAzi-MWD	Scientific Drilling	
6/10/2011	418.00	2.78	IncAzi-MWD	Scientific Drilling	
6/10/2011	479.00	4.96	IncAzi-MWD	Scientific Drilling	
6/10/2011	541.00	7.14	IncAzi-MWD	Scientific Drilling	
6/10/2011	603.00	9.40	IncAzi-MWD	Scientific Drilling	
6/10/2011	665.00	11.39	IncAzi-MWD	Scientific Drilling	
6/10/2011	725.00	13.57	IncAzi-MWD	Scientific Drilling	
6/10/2011	786.00	16.06	IncAzi-MWD	Scientific Drilling	
6/10/2011	883.00	19.30	IncAzi-MWD	Scientific Drilling	
6/10/2011	946.00	21.33	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,009.00	23.71	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,073.00	25.84	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,136.00	27.52	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,200.00	27.74	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,263.00	28.20	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,326.00	28.40	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,390.00	28.34	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,453.00	29.11	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,516.00	29.51	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,580.00	29.15	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,643.00	29.09	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,706.00	29.17	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,769.00	27.76	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,832.00	27.51	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,895.00	28.47	IncAzi-MWD	Scientific Drilling	
6/10/2011	1,959.00	28.38	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,022.00	28.72	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,085.00	27.98	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,148.00	27.67	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,211.00	27.63	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,274.00	28.24	IncAzi-MWD	Scientific Drilling	
6/10/2011	2,337.00	28.36	IncAzi-MWD	Scientific Drilling	

I, the undersigned, certify that I acting in my capacity as D 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 _____

Notary Public in and for San Juan County, New Mexico

My Commission expires _____



COP Deviation Report
SAN JUAN 30-6 UNIT #11M

Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
6/10/2011	2,400.00	28 59	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,464.00	27.82	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,526.00	27.40	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,590.00	27.12	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,654.00	27 69	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,718.00	27 22	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,781.00	28 22	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,844.00	28 18	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,907.00	27.39	IncAzi-MWD	Scientific Drilling	
6/11/2011	2,970.00	26.60	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,033.00	26.59	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,097.00	26.07	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,160.00	23.48	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,224.00	22.27	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,287.00	20 68	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,350.00	18 42	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,413.00	15.61	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,477.00	14 27	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,539.00	12 13	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,602.00	11 32	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,666.00	10 55	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,729.00	9 66	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,792.00	8.75	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,856.00	7 84	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,919.00	6.20	IncAzi-MWD	Scientific Drilling	
6/11/2011	3,982.00	4.41	IncAzi-MWD	Scientific Drilling	
6/11/2011	4,045.00	2.96	IncAzi-MWD	Scientific Drilling	
6/11/2011	4,070.00	2.83	IncAzi-MWD	Scientific Drilling	
6/22/2011	8,009.00	0.75	Inc-WL	Phoenix Services LLC	
6/11/2011	8,159.00	2.83	Projection	Scientific Drilling	

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 8/3/11



Notary Public in and for San Juan County, New Mexico

My Commission expires 7/28/14



Scientific Drilling
Directional Drilling Operations

ConocoPhillips

SJB (NM Central)
SEC 23-T30N-R6W
SJ 30-6 #11M



Original Hole

API # 3003930990

Design: Original Hole

Standard Survey Report

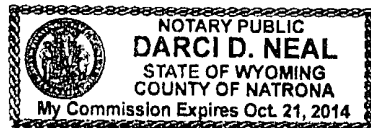
27 June, 2011

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

Notarized this date 27th of June, 2011.

Darci D. Neal

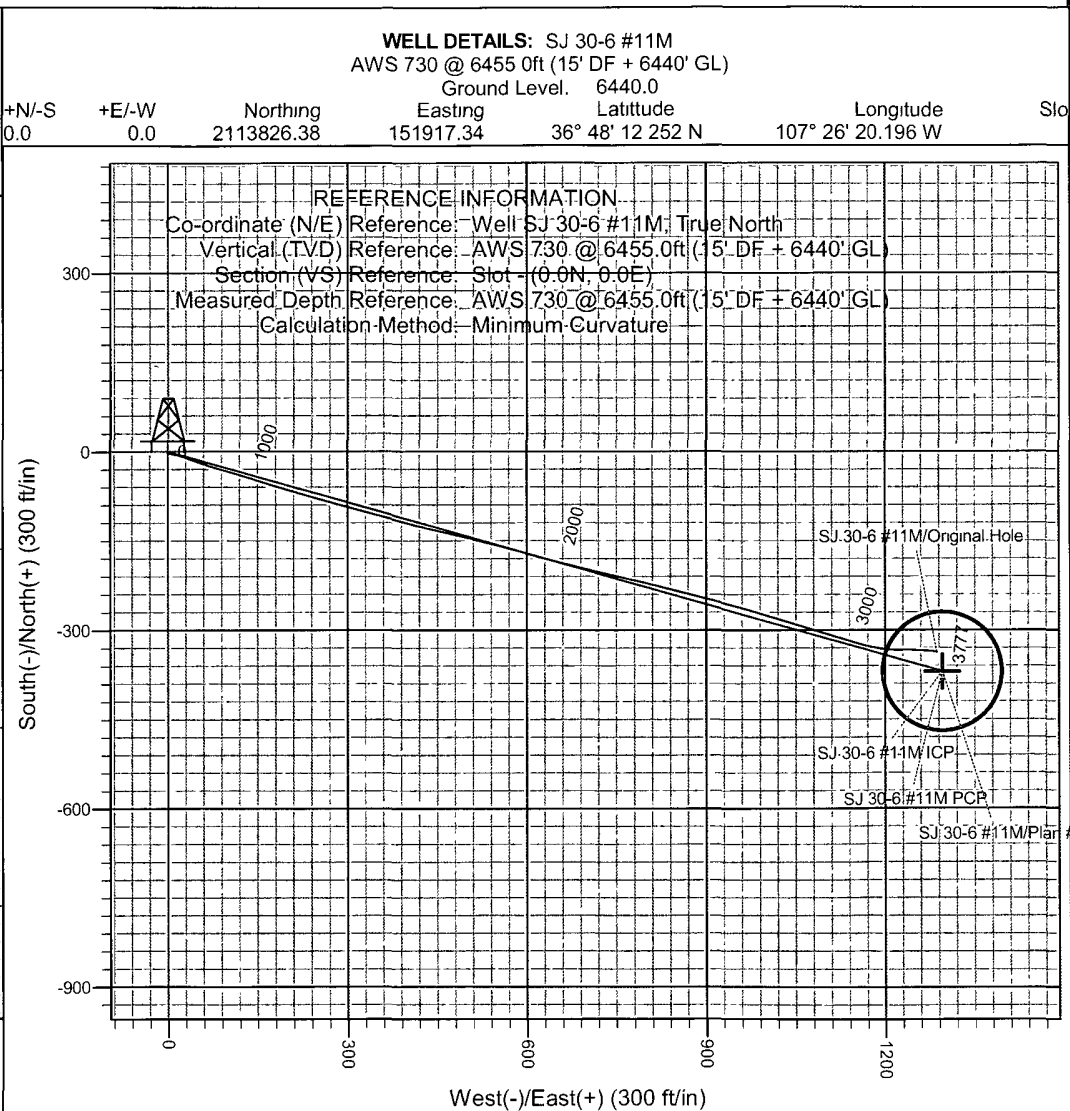
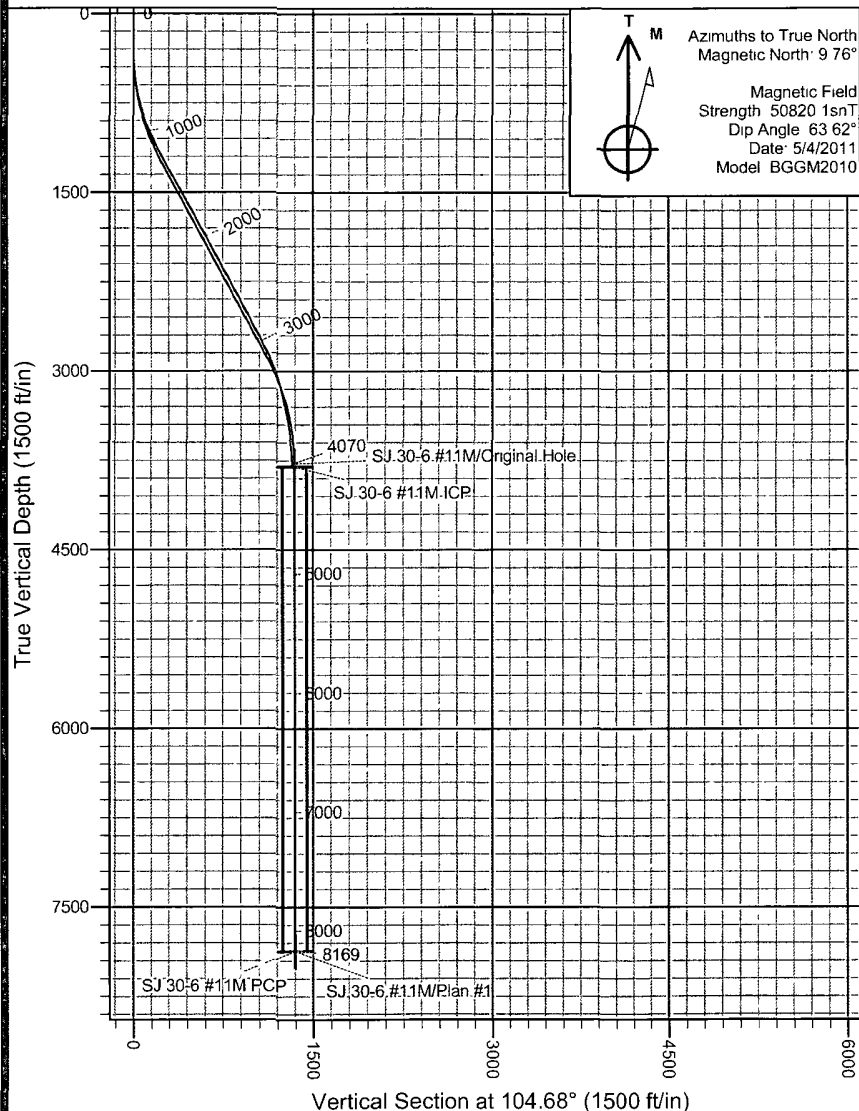
Notary Signature
County of Natrona
State of Wyoming




ConocoPhillips



Project: SJB (NM Central)
Site: SEC 23-T30N-R6W
Well: SJ 30-6 #11M
Wellbore: Original Hole
Design: Original Hole



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 23-T30N-R6W
Rio Arriba County NM
Site Centre Latitude: 36° 48' 12.252 N
Longitude: 107° 26' 20.196 W
Positional Uncertainty: 7.5
Convergence: -0.71
Local North: True

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #11M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6455 0ft (15' DF + 6440' GL)
Site:	SEC 23-T30N-R6W	MD Reference:	AWS 730 @ 6455 0ft (15' DF + 6440' GL)
Well:	SJ 30-6 #11M	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 23-T30N-R6W			
Site Position:		Northing:	2,113,826.38 ft	Latitude:	36° 48' 12.252 N
From:	Lat/Long	Easting:	151,917.34 ft	Longitude:	107° 26' 20.196 W
Position Uncertainty:	15.0 ft	Slot Radius:	6-1/8"	Grid Convergence:	-0 71 °

Well	SJ 30-6 #11M, S-Type MV/DK Well					
Well Position	+N/-S	0.0 ft	Northing:	2,113,826.38 ft	Latitude:	36° 48' 12.252 N
	+E/-W	0.0 ft	Easting:	151,917.34 ft	Longitude:	107° 26' 20.196 W
Position Uncertainty		3.5 ft	Wellhead Elevation:	ft	Ground Level:	6,440.0 ft

Wellbore:	Original Hole				
Magnetics:	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	BGGM2010	5/4/2011	9.77	63.62	50,820

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	104.68

Survey Program	Date: 6/27/2011			
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
294.0	4,070.0	Survey #1 (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	
294.0	0.89	189.81	294.0	-2.2	-0.4	0.2	0.30	0.30	0.00	
First SDI MWD Survey										
356.0	0.74	127.99	356.0	-3.0	-0.2	0.6	1.37	-0.24	-99.71	
418.0	2.78	93.84	418.0	-3.3	1.7	2.4	3.56	3.29	-55.08	
479.0	4.96	101.55	478.8	-3.9	5.7	6.5	3.67	3.57	12.64	
541.0	7.14	101.57	540.5	-5.3	12.1	13.1	3.52	3.52	0.03	
603.0	9.40	105.97	601.8	-7.4	20.8	22.0	3.78	3.65	7.10	
665.0	11.39	111.80	662.8	-11.1	31.3	33.1	3.63	3.21	9.40	
725.0	13.57	109.52	721.4	-15.6	43.5	46.0	3.72	3.63	-3.80	
786.0	16.06	108.80	780.3	-20.8	58.2	61.5	4.09	4.08	-1.18	
883.0	19.30	106.46	872.7	-29.6	86.3	91.0	3.42	3.34	-2.41	
946.0	21.33	106.04	931.8	-35.7	107.3	112.8	3.23	3.22	-0.67	

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #11M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6455.0ft (15' DF + 6440' GL)
Site:	SEC 23-T30N-R6W	MD Reference:	AWS 730 @ 6455.0ft (15' DF + 6440' GL)
Well:	SJ 30-6 #11M	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)	
1,009.0	23.71	107.60	990.0	-42.7	130.4	136.9	3.89	3.78	2.48	
1,073.0	25.84	107.77	1,048.1	-50.9	155.9	163.7	3.33	3.33	0.27	
1,136.0	27.52	107.27	1,104.4	-59.4	182.9	192.0	2.69	2.67	-0.79	
1,200.0	27.74	106.51	1,161.1	-68.0	211.3	221.6	0.65	0.34	-1.19	
1,263.0	28.20	106.04	1,216.8	-76.3	239.6	251.2	0.81	0.73	-0.75	
1,326.0	28.40	105.73	1,272.2	-84.5	268.4	281.0	0.39	0.32	-0.49	
1,390.0	28.34	105.92	1,328.5	-92.8	297.6	311.4	0.17	-0.09	0.30	
1,453.0	29.11	105.54	1,383.8	-101.0	326.8	341.7	1.26	1.22	-0.60	
1,516.0	29.51	104.65	1,438.7	-109.0	356.6	372.5	0.94	0.63	-1.41	
1,580.0	29.15	105.95	1,494.5	-117.3	386.8	403.9	1.14	-0.56	2.03	
1,643.0	29.09	103.76	1,549.6	-125.1	416.4	434.5	1.69	-0.10	-3.48	
1,706.0	29.17	103.17	1,604.6	-132.3	446.2	465.2	0.47	0.13	-0.94	
1,769.0	27.76	103.94	1,660.0	-139.3	475.4	495.2	2.31	-2.24	1.22	
1,832.0	27.51	103.54	1,715.8	-146.2	503.8	524.4	0.49	-0.40	-0.63	
1,895.0	28.47	102.83	1,771.4	-153.0	532.6	554.0	1.61	1.52	-1.13	
1,959.0	28.38	105.36	1,827.7	-160.4	562.1	584.4	1.89	-0.14	3.95	
2,022.0	28.72	106.52	1,883.0	-168.7	591.1	614.5	1.03	0.54	1.84	
2,085.0	27.98	105.28	1,938.5	-176.9	619.9	644.5	1.50	-1.17	-1.97	
2,148.0	27.67	104.22	1,994.2	-184.4	648.3	673.9	0.93	-0.49	-1.68	
2,211.0	27.63	104.70	2,050.0	-191.7	676.6	703.1	0.36	-0.06	0.76	
2,274.0	28.24	103.32	2,105.7	-198.8	705.2	732.6	1.41	0.97	-2.19	
2,337.0	28.36	104.40	2,161.1	-206.0	734.2	762.5	0.83	0.19	1.71	
2,400.0	28.59	102.48	2,216.5	-212.9	763.5	792.5	1.50	0.37	-3.05	
2,464.0	27.82	103.49	2,272.9	-219.7	792.9	822.7	1.42	-1.20	1.58	
2,526.0	27.40	105.20	2,327.9	-226.8	820.8	851.5	1.45	-0.68	2.76	
2,590.0	27.12	103.36	2,384.7	-234.1	849.2	880.8	1.39	-0.44	-2.88	
2,654.0	27.69	104.04	2,441.6	-241.1	877.8	910.2	1.02	0.89	1.06	
2,718.0	27.22	105.66	2,498.4	-248.6	906.3	939.7	1.38	-0.73	2.53	
2,781.0	28.22	104.19	2,554.1	-256.2	934.6	969.0	1.92	1.59	-2.33	
2,844.0	28.18	105.93	2,609.7	-263.9	963.4	998.8	1.31	-0.06	2.76	
2,907.0	27.39	107.21	2,665.4	-272.3	991.5	1,028.1	1.57	-1.25	2.03	
2,970.0	26.60	107.76	2,721.5	-280.8	1,018.8	1,056.7	1.32	-1.25	0.87	
3,033.0	26.59	106.74	2,777.9	-289.2	1,045.7	1,084.9	0.72	-0.02	-1.62	
3,097.0	26.07	107.35	2,835.2	-297.5	1,072.9	1,113.2	0.92	-0.81	0.95	
3,160.0	23.48	106.84	2,892.4	-305.3	1,098.1	1,139.6	4.13	-4.11	-0.81	
3,224.0	22.27	107.90	2,951.4	-312.7	1,121.8	1,164.5	2.00	-1.89	1.66	
3,287.0	20.68	106.94	3,010.0	-319.6	1,143.8	1,187.5	2.58	-2.52	-1.52	
3,350.0	18.42	104.60	3,069.4	-325.4	1,164.1	1,208.6	3.80	-3.59	-3.71	
3,413.0	15.61	101.32	3,129.6	-329.6	1,182.1	1,227.0	4.71	-4.46	-5.21	
3,477.0	14.27	97.64	3,191.4	-332.3	1,198.3	1,243.4	2.56	-2.09	-5.75	
3,539.0	12.13	93.29	3,251.8	-333.7	1,212.4	1,257.4	3.80	-3.45	-7.02	
3,602.0	11.32	85.82	3,313.5	-333.6	1,225.2	1,269.7	2.73	-1.29	-11.86	
3,666.0	10.55	89.82	3,376.3	-333.1	1,237.3	1,281.3	1.69	-1.20	6.25	
3,729.0	9.66	93.19	3,438.4	-333.4	1,248.4	1,292.1	1.70	-1.41	5.35	
3,792.0	8.75	94.87	3,500.5	-334.1	1,258.4	1,302.0	1.51	-1.44	2.67	
3,856.0	7.84	92.64	3,563.9	-334.7	1,267.6	1,311.1	1.51	-1.42	-3.48	
3,919.0	6.20	94.74	3,626.4	-335.2	1,275.3	1,318.6	2.63	-2.60	3.33	
3,982.0	4.41	100.24	3,689.1	-335.9	1,281.1	1,324.4	2.95	-2.84	8.73	
4,045.0	2.96	101.53	3,752.0	-336.7	1,285.1	1,328.4	2.31	-2.30	2.05	
4,070.0	2.83	96.66	3,777.0	-336.9	1,286.3	1,329.7	1.11	-0.52	-19.48	
Last SDI MWD Survey										



Scientific Drilling
Survey Report



Company:	ConocoPhillips	Local Co-ordinate Reference:	Well SJ 30-6 #11M
Project:	SJB (NM Central)	TVD Reference:	AWS 730 @ 6455.0ft (15' DF + 6440' GL)
Site:	SEC 23-T30N-R6W	MD Reference:	AWS 730 @ 6455.0ft (15' DF + 6440' GL)
Well:	SJ 30-6 #11M	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDMCOP

Checked By: _____ Approved By: _____ Date: _____