

RCVD JAN 18 '12

OIL CONS. DIV.

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240State of New Mexico
Energy, Minerals & Natural Resources DepartmentForm C-102
Revised October 12, 2005DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 CopiesDISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505☐ AMENDED REPORTDISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

AS DRILLED PLAT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31062	² Pool Code 72319/71599/97232	³ Pool Name BLANCO MESAVERDE/BASIN DAKOTA/BASIN MANCOS
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 15C
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6288'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	30N	7W		1209'	SOUTH	10'	EAST	RIO ARRIBA

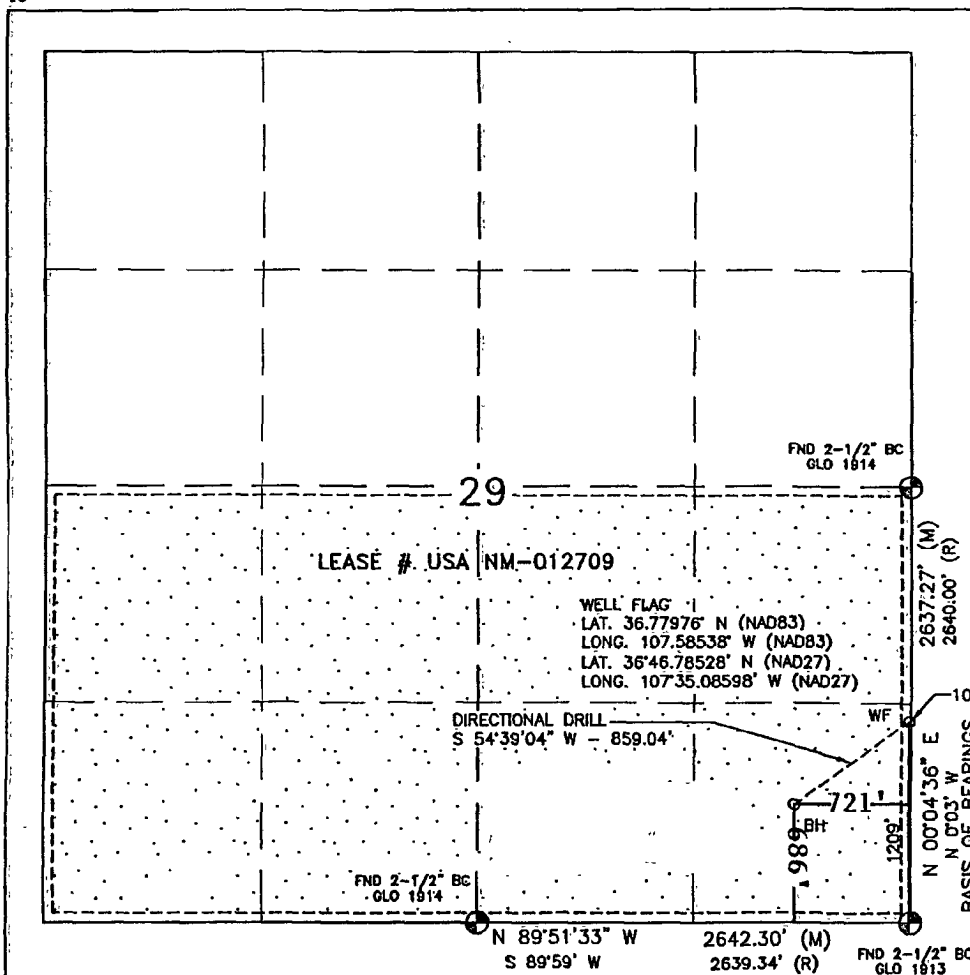
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
P	29	30N	7W		686'	SOUTH	721'	EAST	RIO ARRIBA

¹² Dedicated Acres 320.00 ACRES - S/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16

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.

Signature: Marie E. Jaramillo
Date: 1/13/12

Printed Name: Marie E. Jaramillo

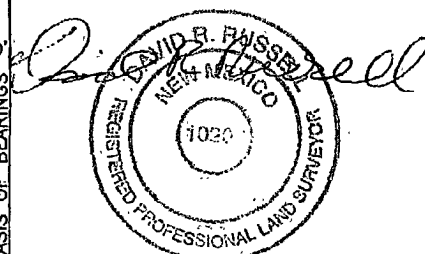
¹⁸ SURVEYOR CERTIFICATION

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.

JJULY 19, 2010

Date of Survey

Signature and Seal of Professional Surveyor:

DAVID RUSSELL
Certificate Number 10201

COP Deviation Report
SAN JUAN 30-6 UNIT #15C

RCVD JAN 19 '12
OIL CONS. DIV.
DIST. 3

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 30-6 UNIT #15C	API / UWI 3003931062	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 029-030N-007W-P	N/S Dist (ft) 1,209.00	N/S Ref FSL	E/W Dist (ft) 10.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
11/27/2011	252.00	0 89	IncAzi-MWD	Scientific Drilling
11/27/2011	313.00	0 23	IncAzi-MWD	Scientific Drilling
11/27/2011	375.00	1 08	IncAzi-MWD	Scientific Drilling
11/27/2011	437.00	1.66	IncAzi-MWD	Scientific Drilling
11/27/2011	497.00	2.65	IncAzi-MWD	Scientific Drilling
11/27/2011	558.00	4.11	IncAzi-MWD	Scientific Drilling
11/27/2011	620.00	4.93	IncAzi-MWD	Scientific Drilling
11/27/2011	681.00	6.33	IncAzi-MWD	Scientific Drilling
11/27/2011	742.00	7.66	IncAzi-MWD	Scientific Drilling
11/27/2011	804.00	8.43	IncAzi-MWD	Scientific Drilling
11/27/2011	866.00	9.85	IncAzi-MWD	Scientific Drilling
11/28/2011	928.00	10.93	IncAzi-MWD	Scientific Drilling
11/28/2011	990.00	11.63	IncAzi-MWD	Scientific Drilling
11/28/2011	1,052.00	13.72	IncAzi-MWD	Scientific Drilling
11/28/2011	1,115.00	14.78	IncAzi-MWD	Scientific Drilling
11/28/2011	1,178.00	16.08	IncAzi-MWD	Scientific Drilling
11/28/2011	1,242.00	16.95	IncAzi-MWD	Scientific Drilling
11/28/2011	1,305.00	19 10	IncAzi-MWD	Scientific Drilling
11/28/2011	1,367.00	20 21	IncAzi-MWD	Scientific Drilling
11/28/2011	1,430.00	21.73	IncAzi-MWD	Scientific Drilling
11/28/2011	1,494.00	22.74	IncAzi-MWD	Scientific Drilling
11/28/2011	1,557.00	24.05	IncAzi-MWD	Scientific Drilling
11/28/2011	1,620.00	24 44	IncAzi-MWD	Scientific Drilling
11/28/2011	1,684.00	24.32	IncAzi-MWD	Scientific Drilling
11/28/2011	1,747.00	24.65	IncAzi-MWD	Scientific Drilling
11/28/2011	1,811.00	25 12	IncAzi-MWD	Scientific Drilling
11/28/2011	1,874.00	25 14	IncAzi-MWD	Scientific Drilling
11/28/2011	1,938.00	25 84	IncAzi-MWD	Scientific Drilling
11/28/2011	2,001.00	25 47	IncAzi-MWD	Scientific Drilling
11/28/2011	2,064.00	25.79	IncAzi-MWD	Scientific Drilling
11/28/2011	2,128.00	24.76	IncAzi-MWD	Scientific Drilling
11/28/2011	2,191.00	22.65	IncAzi-MWD	Scientific Drilling
11/28/2011	2,254.00	22.15	IncAzi-MWD	Scientific Drilling
11/28/2011	2,318.00	22.97	IncAzi-MWD	Scientific Drilling
11/28/2011	2,381.00	23.51	IncAzi-MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ 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 #15C

Survey Data

Date	MD:(ftKB)	Incl:(°)	Method	Survey Company
11/28/2011	2,444.00	23.86	IncAzi-MWD	Scientific Drilling
11/28/2011	2,508.00	23.75	IncAzi-MWD	Scientific Drilling
11/28/2011	2,572.00	24.03	IncAzi-MWD	Scientific Drilling
11/28/2011	2,635.00	23.74	IncAzi-MWD	Scientific Drilling
11/28/2011	2,698.00	21.98	IncAzi-MWD	Scientific Drilling
11/28/2011	2,762.00	21.24	IncAzi-MWD	Scientific Drilling
11/28/2011	2,825.00	19.69	IncAzi-MWD	Scientific Drilling
11/28/2011	2,889.00	17.99	IncAzi-MWD	Scientific Drilling
11/28/2011	2,952.00	16.55	IncAzi-MWD	Scientific Drilling
11/28/2011	3,015.00	15.05	IncAzi-MWD	Scientific Drilling
11/28/2011	3,078.00	13.36	IncAzi-MWD	Scientific Drilling
11/28/2011	3,142.00	12.08	IncAzi-MWD	Scientific Drilling
11/28/2011	3,205.00	10.24	IncAzi-MWD	Scientific Drilling
11/28/2011	3,269.00	8.38	IncAzi-MWD	Scientific Drilling
11/28/2011	3,332.00	6.70	IncAzi-MWD	Scientific Drilling
11/28/2011	3,395.00	5.51	IncAzi-MWD	Scientific Drilling
11/28/2011	3,469.00	3.79	IncAzi-MWD	Scientific Drilling
11/28/2011	3,520.00	3.13	Projection	Scientific Drilling
12/16/2011	7,826.00	1.00	Inc-WL	Phoenix Services LLC

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.

Ben To...

Subscribed and sworn to me this

1/18/12

MAURIS Jaramillo

Notary Public in and for San Juan County, New Mexico

My Commission expires

7/28/14

RCVD JAN 17 '12

OIL CONS. DIV.

DIST. 3

ConocoPhillips

SJB (NM Central)

SEC 29-T30N-R7W

San Juan 30-6 Unit #15C

Original Hole

Design: Original Hole

API # 3003931062

Standard Survey Report

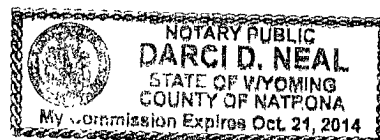
05 December, 2011

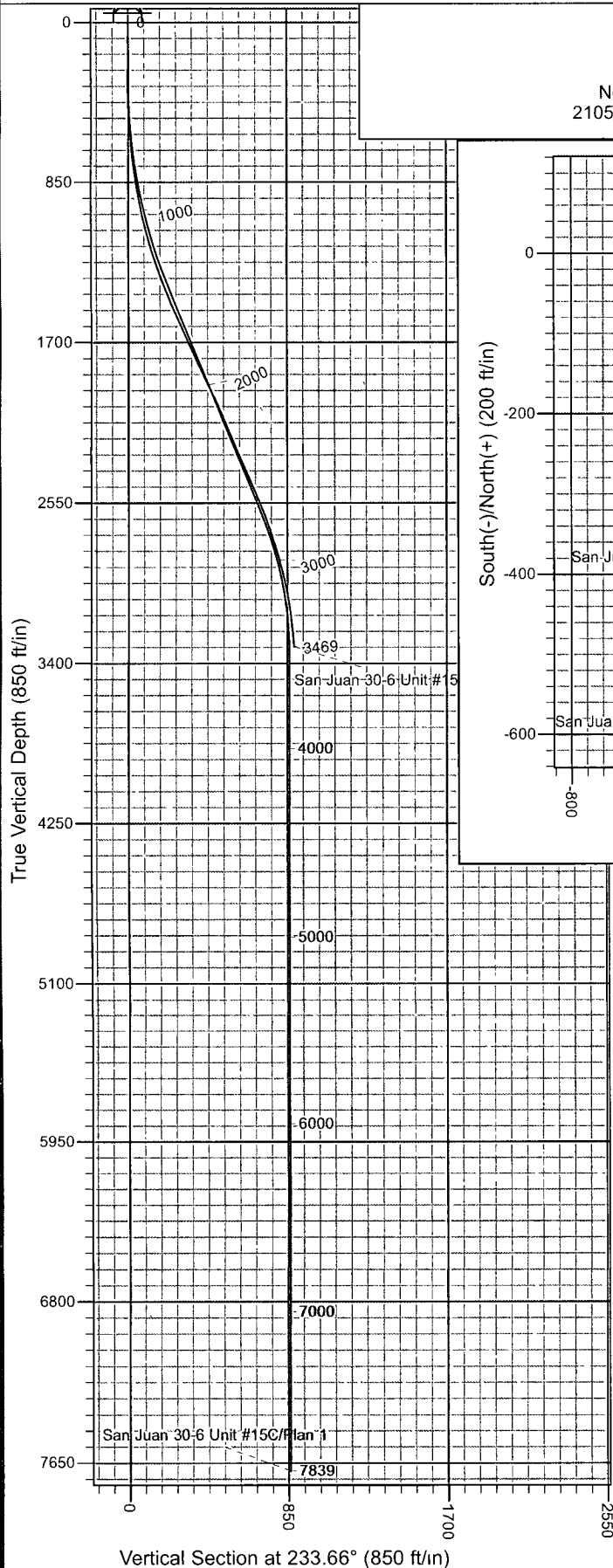
This survey is correct to the best of my knowledge and is supported by actual field data:

Notarized this date 16th of December, 2011.

Darci D. Neal

Notary Signature
County of Natrona
State of Wyoming



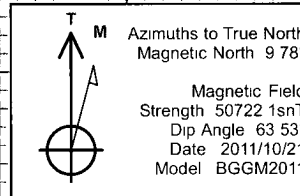
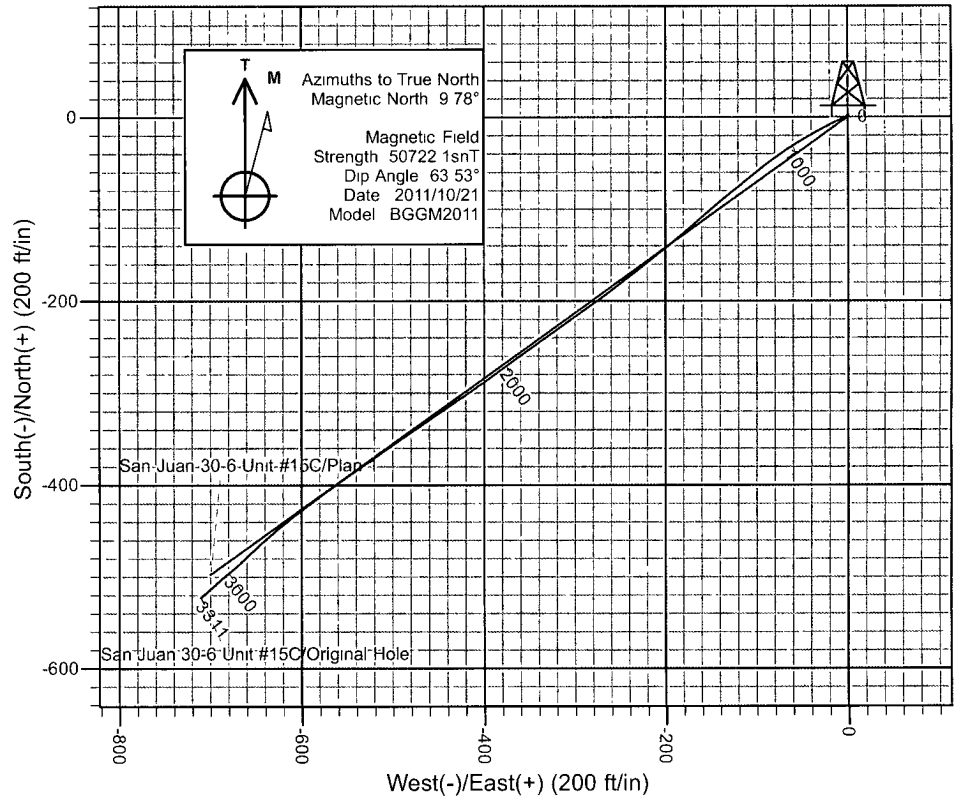


WELL DETAILS: San Juan 30-6 Unit #15C

GL 6288' & KB 15' @ 6303.0ft (AWS 711)

Ground Level: 6288.0

Northing	Easting	Latitude	Longitude
2105780.00	109103.04	36° 46' 47.117 N	107° 35' 5 159 W



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well San Juan 30-6 Unit #15C, True North
 Vertical (TVD) Reference: GL 6288' & KB 15' @ 6303.0ft (AWS 711)
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: GL 6288' & KB 15' @ 6303.0ft (AWS 711)
 Calculation Method: Minimum Curvature

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

Scientific Drilling

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 30-6 Unit #15C
Project:	SJB (NM Central)	TVD Reference:	GL 6288' & KB 15' @ 6303.0ft (AWS 711)
Site:	SEC 29-T30N-R7W	MD Reference:	GL 6288' & KB 15' @ 6303.0ft (AWS 711)
Well:	San Juan 30-6 Unit #15C	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.21 Single User Db

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 29-T30N-R7W		
Site Position:		Northing:	2,105,780.00 ft
From:	Lat/Long	Easting:	109,103.04 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	36° 46' 47.117 N
		Longitude:	107° 35' 5.159 W
		Grid Convergence:	-0.80 °

Well	San Juan 30-6 Unit #15C, 1209' FSL 10' FEL		
Well Position	+N/-S	0.0 ft	Northing: 2,105,780.00 ft
	+E/-W	0.0 ft	Easting: 109,103.04 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	36° 46' 47.117 N
		Longitude:	107° 35' 5.159 W
		Ground Level:	6,288.0 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	2011/10/21	9.78	63.53	50,722

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	233.66	

Survey Program	Date	2011/12/05			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
252.0	3,469.0	Survey #1 (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
252.0	0.89	28.97	252.0	1.7	0.9	-1.8	0.35	0.35	0.00
First SDI MWD Survey									
313.0	0.23	5.05	313.0	2.2	1.2	-2.3	1.12	-1.08	-39.21
375.0	1.08	213.12	375.0	1.9	0.9	-1.8	2.08	1.37	-245.05
437.0	1.66	242.28	437.0	1.0	-0.2	-0.4	1.43	0.94	47.03
497.0	2.65	241.72	496.9	-0.1	-2.2	1.8	1.65	1.65	-0.93
558.0	4.11	243.15	557.8	-1.7	-5.4	5.4	2.40	2.39	2.34
620.0	4.93	246.82	619.6	-3.8	-9.8	10.2	1.40	1.32	5.92
681.0	6.33	244.66	680.3	-6.3	-15.3	16.0	2.32	2.30	-3.54
742.0	7.66	243.38	740.9	-9.5	-22.0	23.3	2.20	2.18	-2.10
804.0	8.43	239.88	802.3	-13.7	-29.6	31.9	1.47	1.24	-5.65
866.0	9.85	242.70	863.5	-18.4	-38.2	41.7	2.40	2.29	4.55

Scientific Drilling

Survey Report

Company:	ConocoPhillips	Local Co-ordinate Reference:	Well San Juan 30-6 Unit #15C
Project:	SJB (NM Central)	TVD Reference:	GL 6288' & KB 15' @ 6303 0ft (AWS 711)
Site:	SEC 29-T30N-R7W	MD Reference:	GL 6288' & KB 15' @ 6303 0ft (AWS 711)
Well:	San Juan 30-6 Unit #15C	North Reference:	True
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 2003.21 Single User Db

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)
928.0	10.93	240.45	924.5	-23.7	-48.1	52.8	1.86	1.74	-3.63
990.0	11.63	237.18	985.3	-30.0	-58.4	64.8	1.53	1.13	-5.27
1,052.0	13.72	235.79	1,045.7	-37.5	-69.8	78.4	3.41	3.37	-2.24
1,115.0	14.78	233.02	1,106.8	-46.5	-82.4	93.9	2.00	1.68	-4.40
1,178.0	16.08	232.37	1,167.5	-56.7	-95.7	110.7	2.08	2.06	-1.03
1,242.0	16.95	229.87	1,228.9	-68.1	-109.8	128.9	1.75	1.36	-3.91
1,305.0	19.10	232.33	1,288.8	-80.3	-125.0	148.3	3.62	3.41	3.90
1,367.0	20.21	230.31	1,347.2	-93.4	-141.3	169.2	2.10	1.79	-3.26
1,430.0	21.73	228.91	1,406.0	-108.0	-158.5	191.6	2.54	2.41	-2.22
1,494.0	22.74	229.63	1,465.3	-123.8	-176.8	215.8	1.63	1.58	1.13
1,557.0	24.05	232.13	1,523.1	-139.6	-196.2	240.8	2.61	2.08	3.97
1,620.0	24.44	231.55	1,580.5	-155.6	-216.6	266.6	0.73	0.62	-0.92
1,684.0	24.32	232.47	1,638.8	-171.8	-237.4	293.0	0.62	-0.19	1.44
1,747.0	24.65	233.20	1,696.1	-187.6	-258.2	319.1	0.71	0.52	1.16
1,811.0	25.12	235.70	1,754.2	-203.2	-280.1	346.1	1.80	0.73	3.91
1,874.0	25.14	233.95	1,811.2	-218.7	-302.0	372.8	1.18	0.03	-2.78
1,938.0	25.84	235.33	1,869.0	-234.6	-324.4	400.4	1.43	1.09	2.16
2,001.0	25.47	234.78	1,925.8	-250.2	-346.8	427.6	0.70	-0.59	-0.87
2,064.0	25.79	235.00	1,982.6	-265.9	-369.1	454.9	0.53	0.51	0.35
2,128.0	24.76	233.62	2,040.5	-281.8	-391.3	482.2	1.85	-1.61	-2.16
2,191.0	22.65	235.72	2,098.2	-296.5	-411.9	507.5	3.61	-3.35	3.33
2,254.0	22.15	235.75	2,156.4	-310.0	-431.8	531.5	0.79	-0.79	0.05
2,318.0	22.97	236.49	2,215.5	-323.7	-452.2	556.0	1.36	1.28	1.16
2,381.0	23.51	234.68	2,273.4	-337.7	-472.7	580.9	1.42	0.86	-2.87
2,444.0	23.86	236.31	2,331.1	-352.1	-493.5	606.2	1.18	0.56	2.59
2,508.0	23.75	235.40	2,389.6	-366.6	-514.9	632.0	0.60	-0.17	-1.42
2,572.0	24.03	235.07	2,448.2	-381.3	-536.2	657.9	0.48	0.44	-0.52
2,635.0	23.74	234.82	2,505.8	-396.0	-557.1	683.4	0.49	-0.46	-0.40
2,698.0	21.98	233.33	2,563.8	-410.3	-576.9	707.9	2.94	-2.79	-2.37
2,762.0	21.24	233.96	2,623.3	-424.3	-595.9	731.4	1.21	-1.16	0.98
2,825.0	19.69	231.40	2,682.3	-437.7	-613.4	753.4	2.84	-2.46	-4.06
2,889.0	17.99	230.61	2,742.9	-450.7	-629.5	774.1	2.69	-2.66	-1.23
2,952.0	16.55	226.81	2,803.1	-463.0	-643.5	792.7	2.90	-2.29	-6.03
3,015.0	15.05	227.35	2,863.7	-474.7	-656.1	809.8	2.39	-2.38	0.86
3,078.0	13.36	226.92	2,924.8	-485.2	-667.4	825.1	2.69	-2.68	-0.68
3,142.0	12.08	231.25	2,987.2	-494.4	-678.0	839.1	2.49	-2.00	6.77
3,205.0	10.24	229.77	3,049.0	-502.2	-687.5	851.3	2.96	-2.92	-2.35
3,269.0	8.38	228.89	3,112.1	-508.9	-695.3	861.6	2.91	-2.91	-1.38
3,332.0	6.70	226.21	3,174.6	-514.5	-701.4	869.9	2.72	-2.67	-4.25
3,395.0	5.51	227.62	3,237.2	-519.0	-706.3	876.5	1.90	-1.89	2.24
3,469.0	3.79	231.78	3,311.0	-522.9	-710.9	882.5	2.37	-2.32	5.62
Last SDI MWD Survey									

Checked By: _____ Approved By: _____ Date: _____