

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

*API Number 30-039-30628	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 38M
*OGRIID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6367'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1ch	Feet from the	North/South line	Feet from the	East/West line	County
H	12	29N	7W		1695	NORTH	1040	EAST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1ch	Feet from the	North/South line	Feet from the	East/West line	County
B	12	29N	7W		725'	NORTH	1922'	EAST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - E/2 (MV) 320.0 Acres - E/2 (DK)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD FEB 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

16

5289.24'

1695'

1922'

1040'

5280.00'

12

LEASE USA
SF-078945

LEASE
FEE

5280.00'

5285.26'

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 2/24/2010
Signature Date
Crystal Tafoya 2/24/2010
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.
Date of Survey: APRIL 17, 2008
Signature and Seal of Professional Surveyor
JASON C. EDWARDS
REGISTERED PROFESSIONAL SURVEYOR
NEW MEXICO
15269
Certification Number 15269



COP Deviation Report

SAN JUAN 29-7 UNIT #38M

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 29-7 UNIT #38M	API / UWI 3003930628	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 012-029N-007W-H	N/S Dist (ft) 1,695.00	N/S Ref FNL	E/W Dist (ft) 1,040.00	E/W Ref FEL

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/15/2009	129.00	1.25	Inc-Drop	MO-TE DRILLING
10/15/2009	235.00	1.00	Inc-Drop	MO-TE DRILLING
11/11/2009	266.00	1.29	MWD	Scientific Drilling
11/11/2009	297.00	1.25	MWD	Scientific Drilling
11/11/2009	328.00	1.54	MWD	Scientific Drilling
11/11/2009	358.00	2.06	MWD	Scientific Drilling
11/11/2009	389.00	2.74	MWD	Scientific Drilling
11/11/2009	420.00	3.59	MWD	Scientific Drilling
11/11/2009	451.00	4.54	MWD	Scientific Drilling
11/11/2009	482.00	5.16	MWD	Scientific Drilling
11/11/2009	513.00	5.97	MWD	Scientific Drilling
11/11/2009	544.00	6.76	MWD	Scientific Drilling
11/11/2009	575.00	7.48	MWD	Scientific Drilling
11/11/2009	606.00	8.08	MWD	Scientific Drilling
11/11/2009	637.00	9.06	MWD	Scientific Drilling
11/11/2009	668.00	10.05	MWD	Scientific Drilling
11/11/2009	698.00	11.19	MWD	Scientific Drilling
11/11/2009	729.00	11.87	MWD	Scientific Drilling
11/11/2009	760.00	12.89	MWD	Scientific Drilling
11/11/2009	794.00	13.44	MWD	Scientific Drilling
11/11/2009	826.00	14.68	MWD	Scientific Drilling
11/11/2009	858.00	15.58	MWD	Scientific Drilling
11/11/2009	890.00	16.30	MWD	Scientific Drilling
11/11/2009	922.00	16.98	MWD	Scientific Drilling
11/11/2009	953.00	17.81	MWD	Scientific Drilling
11/11/2009	986.00	18.55	MWD	Scientific Drilling
11/11/2009	1,017.00	19.33	MWD	Scientific Drilling
11/11/2009	1,049.00	20.10	MWD	Scientific Drilling
11/11/2009	1,081.00	20.52	MWD	Scientific Drilling
11/11/2009	1,112.00	21.17	MWD	Scientific Drilling
11/11/2009	1,144.00	21.77	MWD	Scientific Drilling
11/11/2009	1,176.00	22.06	MWD	Scientific Drilling
11/11/2009	1,208.00	22.40	MWD	Scientific Drilling
11/11/2009	1,239.00	22.88	MWD	Scientific Drilling
11/11/2009	1,271.00	23.05	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 29-7 UNIT #38M

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
11/11/2009	1,304.00	23.84	MWD	Scientific Drilling	
11/11/2009	1,335.00	24.21	MWD	Scientific Drilling	
11/11/2009	1,367.00	24.06	MWD	Scientific Drilling	
11/11/2009	1,399.00	24.39	MWD	Scientific Drilling	
11/11/2009	1,431.00	24.55	MWD	Scientific Drilling	
11/11/2009	1,463.00	24.81	MWD	Scientific Drilling	
11/11/2009	1,495.00	25.01	MWD	Scientific Drilling	
11/11/2009	1,527.00	24.14	MWD	Scientific Drilling	
11/11/2009	1,558.00	23.91	MWD	Scientific Drilling	
11/11/2009	1,590.00	23.69	MWD	Scientific Drilling	
11/11/2009	1,622.00	24.26	MWD	Scientific Drilling	
11/11/2009	1,653.00	24.49	MWD	Scientific Drilling	
11/11/2009	1,685.00	23.29	MWD	Scientific Drilling	
11/11/2009	1,717.00	21.82	MWD	Scientific Drilling	
11/11/2009	1,749.00	21.70	MWD	Scientific Drilling	
11/11/2009	1,780.00	21.70	MWD	Scientific Drilling	
11/11/2009	1,812.00	21.85	MWD	Scientific Drilling	
11/11/2009	1,844.00	21.88	MWD	Scientific Drilling	
11/11/2009	1,875.00	21.97	MWD	Scientific Drilling	
11/11/2009	1,906.00	21.95	MWD	Scientific Drilling	
11/11/2009	1,969.00	22.40	MWD	Scientific Drilling	
11/11/2009	2,032.00	22.55	MWD	Scientific Drilling	
11/11/2009	2,096.00	22.52	MWD	Scientific Drilling	
11/11/2009	2,159.00	22.40	MWD	Scientific Drilling	
11/12/2009	2,223.00	22.34	MWD	Scientific Drilling	
11/12/2009	2,286.00	22.92	MWD	Scientific Drilling	
11/12/2009	2,349.00	23.08	MWD	Scientific Drilling	
11/12/2009	2,412.00	23.21	MWD	Scientific Drilling	
11/12/2009	2,476.00	23.19	MWD	Scientific Drilling	
11/12/2009	2,540.00	23.48	MWD	Scientific Drilling	
11/12/2009	2,604.00	24.36	MWD	Scientific Drilling	
11/12/2009	2,667.00	24.14	MWD	Scientific Drilling	
11/12/2009	2,730.00	24.19	MWD	Scientific Drilling	
11/12/2009	2,794.00	25.00	MWD	Scientific Drilling	
11/12/2009	2,857.00	24.62	MWD	Scientific Drilling	
11/12/2009	2,921.00	24.13	MWD	Scientific Drilling	
11/12/2009	2,984.00	24.49	MWD	Scientific Drilling	
11/12/2009	3,048.00	23.97	MWD	Scientific Drilling	
11/12/2009	3,111.00	23.55	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 29-7 UNIT #38M

Survey Data					
Date	MD (RKB)	Incl (°)	Method		Survey Company
11/12/2009	3,175.00	23.57	MWD		Scientific Drilling
11/12/2009	3,238.00	22.45	MWD		Scientific Drilling
11/12/2009	3,302.00	21.43	MWD		Scientific Drilling
11/12/2009	3,365.00	20.33	MWD		Scientific Drilling
11/12/2009	3,428.00	18.55	MWD		Scientific Drilling
11/12/2009	3,460.00	18.27	MWD		Scientific Drilling
11/12/2009	3,492.00	18.63	MWD		Scientific Drilling
11/12/2009	3,524.00	19.08	MWD		Scientific Drilling
11/12/2009	3,555.00	19.37	MWD		Scientific Drilling
11/12/2009	3,587.00	19.91	MWD		Scientific Drilling
11/12/2009	3,619.00	20.38	MWD		Scientific Drilling
11/12/2009	3,651.00	20.85	MWD		Scientific Drilling
11/12/2009	3,682.00	20.59	MWD		Scientific Drilling
11/12/2009	3,714.00	20.36	MWD		Scientific Drilling
11/12/2009	3,746.00	19.89	MWD		Scientific Drilling
11/12/2009	3,777.00	19.47	MWD		Scientific Drilling
11/12/2009	3,809.00	18.86	MWD		Scientific Drilling
11/12/2009	3,840.00	18.05	MWD		Scientific Drilling
11/12/2009	3,872.00	17.53	MWD		Scientific Drilling
11/12/2009	3,904.00	17.27	MWD		Scientific Drilling
11/12/2009	3,936.00	16.08	MWD		Scientific Drilling
11/12/2009	3,967.00	14.72	MWD		Scientific Drilling
11/12/2009	4,031.00	13.12	MWD		Scientific Drilling
11/12/2009	4,094.00	11.49	MWD		Scientific Drilling
11/12/2009	4,158.00	9.92	MWD		Scientific Drilling
11/12/2009	4,221.00	8.78	MWD		Scientific Drilling
11/13/2009	4,285.00	8.07	MWD		Scientific Drilling
11/13/2009	4,317.00	7.86	MWD		Scientific Drilling
11/13/2009	4,348.00	6.65	MWD		Scientific Drilling
11/13/2009	4,380.00	6.02	MWD		Scientific Drilling
11/13/2009	4,412.00	5.19	MWD		Scientific Drilling
11/13/2009	4,444.00	4.71	MWD		Scientific Drilling
11/13/2009	4,475.00	3.77	MWD		Scientific Drilling
11/13/2009	4,507.00	3.41	MWD		Scientific Drilling
11/13/2009	4,534.00	3.09	MWD		Scientific Drilling
12/1/2009	7,881.00	0.75	Inc-WL		PHOENIX

RCVD FEB 26 '10
OIL CONS. DIV.
DIST. 3

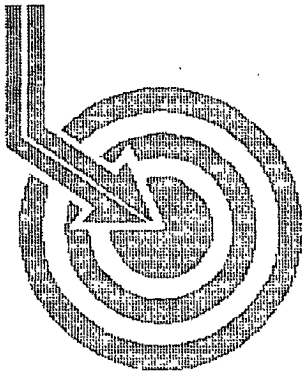
I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to me this Feb 23, 2010

[Signature: Crystal L. Tapaya]
Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

RCVD FEB 26 '10

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

Field: San Juan
Site: SEC 12-T29N-R7W
Well: San Juan 29-7 #38M
Wellpath: DH - Job #33D1109202
Survey: 11/10/09-11/13/09

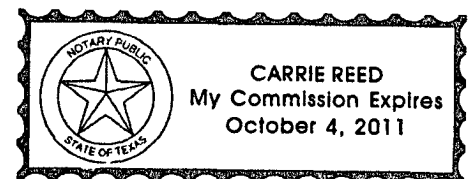
API # 30-039-30628

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

.....*L. L. Hartman*..... Company Representative

Notorized this date 23rd of November, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International COP Survey Report

Company: BURLINGTON RESOURCES	Date: 11/23/2009	Time: 11:36:46	Page: 1
Field: San Juan	Co-ordinate(NE) Reference: Well: San Juan 29-7 #38M, True North		
Site: SEC 12-T29N-R7W	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 29-7 #38M	Section (VS) Reference: Well (0.00N,0.00E,317.88Azi)		
Wellpath: DH - Job #33D1109202	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 11/10/09-11/13/09	Start Date: 11/10/2009
E-field: 0'-4534'	
Company: Scientific Drilling Internatio	Engineer: Kiser/Orozco/Kasbaum/Ratliff
Tool: E-field;E-field	Tied-to: From Surface

Site: SEC 12-T29N-R7W

Site Position:	Northing: 2089774.67 ft	Latitude: 36 44 33.936 N
From: Map	Easting: 592911.60 ft	Longitude: 107 30 58.410 W
Position Uncertainty: 0.00 ft	North Reference: True	
Ground Level: 6367.00 ft	Grid Convergence: 0.19 deg	

Well: San Juan 29-7 #38M	Slot Name:
1310' Slant @ N42.12W	
Well Position: +N/-S 0.00 ft	Northing: 2089774.67 ft
+E/-W 0.00 ft	Easting: 592911.60 ft
Position Uncertainty: 0.00 ft	Latitude: 36 44 33.936 N
	Longitude: 107 30 58.410 W

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
266.00	1.29	246.89	265.98	0.98	-1.18	-2.75	0.48	2.99	246.89
297.00	1.25	258.93	296.97	1.26	-1.38	-3.41	0.87	3.67	247.99
328.00	1.54	288.34	327.96	1.80	-1.31	-4.13	2.46	4.34	252.41
358.00	2.06	306.89	357.95	2.68	-0.86	-4.95	2.58	5.02	260.13
389.00	2.74	316.67	388.92	3.97	0.01	-5.90	2.55	5.90	270.13
420.00	3.59	325.75	419.87	5.67	1.35	-6.96	3.18	7.09	281.02
451.00	4.54	330.15	450.79	7.83	3.22	-8.11	3.22	8.73	291.65
482.00	5.16	329.74	481.68	10.39	5.49	-9.43	2.00	10.91	300.21
513.00	5.97	333.30	512.54	13.31	8.13	-10.85	2.84	13.56	306.85
544.00	6.76	336.07	543.34	16.60	11.24	-12.32	2.73	16.68	312.38
575.00	7.48	336.67	574.11	20.24	14.76	-13.86	2.33	20.25	316.81
606.00	8.08	335.96	604.82	24.22	18.60	-15.54	1.96	24.24	320.12
637.00	9.06	337.20	635.47	28.60	22.84	-17.38	3.22	28.70	322.74
668.00	10.05	339.79	666.04	33.41	27.63	-19.26	3.48	33.68	325.13
698.00	11.19	342.60	695.53	38.49	32.87	-21.03	4.17	39.02	327.38
729.00	11.87	343.00	725.90	44.10	38.79	-22.86	2.21	45.02	329.48
760.00	12.89	344.93	756.18	50.07	45.17	-24.70	3.55	51.48	331.34
794.00	13.44	344.63	789.29	56.98	52.65	-26.73	1.63	59.04	333.08
826.00	14.68	344.96	820.33	63.91	60.15	-28.77	3.88	66.67	334.44
858.00	15.58	344.44	851.22	71.36	68.20	-30.97	2.84	74.91	335.58
890.00	16.30	342.99	881.99	79.27	76.64	-33.44	2.57	83.62	336.43
922.00	16.98	341.32	912.65	87.63	85.36	-36.25	2.60	92.74	336.99
953.00	17.81	340.42	942.23	96.16	94.11	-39.29	2.81	101.98	337.34
986.00	18.55	338.71	973.58	105.73	103.76	-42.88	2.76	112.27	337.54
1017.00	19.33	337.01	1002.91	115.18	113.08	-46.68	3.08	122.33	337.57
1049.00	20.10	334.91	1033.03	125.44	122.93	-51.08	3.27	133.12	337.44
1081.00	20.52	332.92	1063.04	136.12	132.91	-55.96	2.53	144.21	337.17
1112.00	21.17	331.53	1092.01	146.80	142.67	-61.11	2.63	155.20	336.81
1144.00	21.77	329.68	1121.79	158.23	152.87	-66.86	2.83	166.85	336.38
1176.00	22.06	327.05	1151.48	169.97	163.03	-73.12	3.20	178.68	335.84
1208.00	22.40	325.15	1181.10	181.95	173.08	-79.87	2.48	190.62	335.23
1239.00	22.88	322.66	1209.71	193.81	182.72	-86.90	3.46	202.33	334.56
1271.00	23.05	319.80	1239.18	206.28	192.45	-94.72	3.53	214.50	333.79
1304.00	23.84	318.66	1269.45	219.40	202.39	-103.30	2.76	227.23	332.96
1335.00	24.21	316.26	1297.77	232.02	211.69	-111.83	3.37	239.41	332.15
1367.00	24.06	313.58	1326.97	245.08	220.92	-121.09	3.46	251.93	331.27



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 11/23/2009	Time: 11:36:46	Page: 2
Field: San Juan	Co-ordinate(NE) Reference: Well: San Juan 29-7 #38M, True North		
Site: SEC 12-T29N-R7W	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 29-7 #38M	Section (VS) Reference: Well: (0.00N,0.00E,317.88Azi)		
Wellpath: DH - Job #33D1109202	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1399.00	24.39	311.82	1356.15	258.16	229.83	-130.74	2.48	264.41	330.37
1431.00	24.55	312.27	1385.28	271.34	238.70	-140.58	0.77	277.03	329.50
1463.00	24.81	312.09	1414.36	284.64	247.68	-150.49	0.85	289.81	328.72
1495.00	25.01	311.07	1443.38	298.04	256.62	-160.57	1.48	302.71	327.97
1527.00	24.14	310.83	1472.48	311.25	265.34	-170.62	2.74	315.46	327.26
1558.00	23.91	311.00	1500.80	323.77	273.61	-180.16	0.77	327.59	326.64
1590.00	23.69	310.44	1530.07	336.59	282.03	-189.94	0.99	340.03	326.04
1622.00	24.26	310.94	1559.31	349.49	290.51	-199.80	1.89	352.59	325.48
1653.00	24.49	310.90	1587.55	362.19	298.89	-209.47	0.74	364.98	324.98
1685.00	23.29	309.83	1616.81	375.04	307.29	-219.34	3.99	377.54	324.48
1717.00	21.82	309.11	1646.36	387.18	315.09	-228.81	4.67	389.41	324.01
1749.00	21.70	309.36	1676.08	398.91	322.59	-238.00	0.47	400.89	323.58
1780.00	21.70	309.08	1704.88	410.24	329.84	-246.88	0.33	412.00	323.19
1812.00	21.85	309.60	1734.60	421.98	337.37	-256.06	0.76	423.54	322.80
1844.00	21.88	309.01	1764.30	433.76	344.91	-265.28	0.69	435.13	322.43
1875.00	21.97	309.61	1793.06	445.21	352.25	-274.24	0.78	446.42	322.10
1906.00	21.95	309.46	1821.81	456.68	359.63	-283.18	0.19	457.74	321.78
1969.00	22.40	312.27	1880.15	480.27	375.19	-301.16	1.83	481.10	321.25
2032.00	22.55	313.07	1938.36	504.25	391.51	-318.86	0.54	504.93	320.84
2096.00	22.52	312.24	1997.48	528.68	408.13	-336.90	0.50	529.22	320.46
2159.00	22.40	314.81	2055.70	552.67	424.70	-354.35	1.57	553.11	320.16
2223.00	22.34	314.74	2114.88	577.00	441.85	-371.64	0.10	577.37	319.93
2286.00	22.92	315.62	2173.03	601.21	459.05	-388.73	1.07	601.53	319.74
2349.00	23.08	314.79	2231.02	625.80	476.52	-406.07	0.57	626.07	319.56
2412.00	23.21	314.41	2288.95	650.52	493.90	-423.70	0.31	650.74	319.38
2476.00	23.19	315.22	2347.78	675.69	511.67	-441.59	0.50	675.88	319.21
2540.00	23.48	314.68	2406.54	701.01	529.58	-459.53	0.56	701.16	319.05
2604.00	24.36	315.67	2465.05	726.93	547.99	-477.82	1.51	727.05	318.91
2667.00	24.14	316.15	2522.49	752.79	566.57	-495.82	0.47	752.89	318.81
2730.00	24.19	316.29	2579.97	778.57	585.19	-513.66	0.12	778.66	318.72
2794.00	25.00	316.47	2638.16	805.20	604.48	-532.04	1.27	805.27	318.65
2857.00	24.62	316.60	2695.35	831.63	623.67	-550.23	0.61	831.69	318.58
2921.00	24.13	315.33	2753.64	858.02	642.65	-568.58	1.12	858.07	318.50
2984.00	24.49	314.87	2811.05	883.93	661.03	-586.89	0.65	883.96	318.40
3048.00	23.97	313.77	2869.42	910.14	679.38	-605.68	1.08	910.16	318.28
3111.00	23.55	312.86	2927.08	935.44	696.79	-624.15	0.88	935.45	318.15
3175.00	23.57	312.11	2985.74	960.91	714.07	-643.01	0.47	960.91	318.00
3238.00	22.45	314.19	3043.73	985.45	730.90	-660.98	2.20	985.45	317.88
3302.00	21.43	314.83	3103.09	1009.32	747.66	-678.04	1.64	1009.32	317.80
3365.00	20.33	316.79	3161.96	1031.76	763.75	-693.69	2.07	1031.76	317.75
3428.00	18.55	316.30	3221.36	1052.72	778.97	-708.11	2.84	1052.72	317.73
3460.00	18.27	316.16	3251.72	1062.82	786.27	-715.10	0.89	1062.82	317.71
3492.00	18.63	315.67	3282.08	1072.94	793.55	-722.15	1.22	1072.94	317.70
3524.00	19.08	316.73	3312.36	1083.28	801.01	-729.30	1.77	1083.28	317.68
3555.00	19.37	316.46	3341.63	1093.48	808.43	-736.32	0.98	1093.49	317.67
3587.00	19.91	317.97	3371.77	1104.23	816.32	-743.62	2.32	1104.24	317.67
3619.00	20.38	318.93	3401.81	1115.25	824.57	-750.93	1.80	1115.26	317.68
3651.00	20.85	318.65	3431.77	1126.52	833.04	-758.35	1.50	1126.53	317.69
3682.00	20.59	317.96	3460.76	1137.49	841.23	-765.65	1.15	1137.49	317.69
3714.00	20.36	317.96	3490.74	1148.68	849.55	-773.14	0.72	1148.69	317.70
3746.00	19.89	317.16	3520.79	1159.69	857.67	-780.57	1.70	1159.70	317.69
3777.00	19.47	316.92	3549.97	1170.13	865.31	-787.69	1.38	1170.14	317.69
3809.00	18.86	316.49	3580.20	1180.63	872.96	-794.89	1.96	1180.64	317.68



Scientific Drilling International

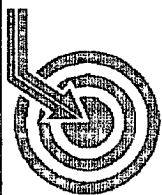
COP Survey Report

Company: BURLINGTON RESOURCES
 Field: San Juan
 Site: SEC 12-T29N-R7W
 Well: San Juan 29-7 #38M
 Wellpath: DH - Job #33D1109202

Date: 11/23/2009 Time: 11:36:46 Page: 3
 Co-ordinate(NE) Reference: Well: San Juan 29-7 #38M, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N 0.00E, 317.88Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

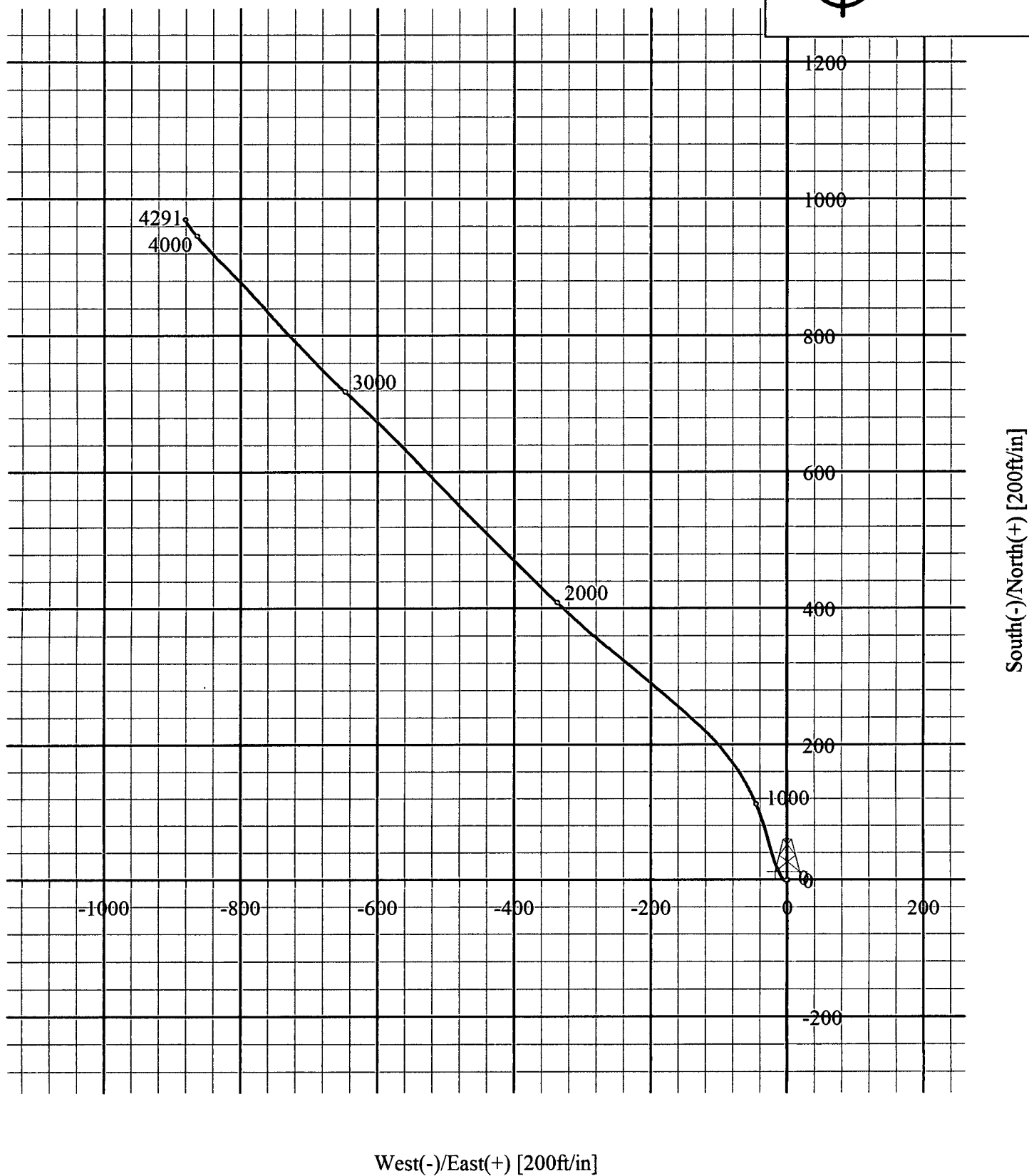
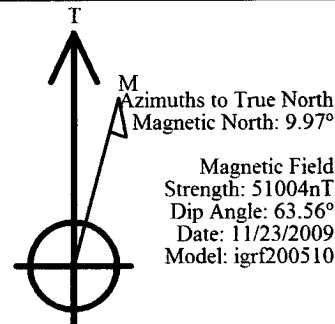
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3840.00	18.05	315.38	3609.61	1190.44	880.01	-801.71	2.85	1190.45	317.67
3872.00	17.53	315.56	3640.08	1200.21	886.98	-808.57	1.63	1200.22	317.65
3904.00	17.27	315.34	3670.61	1209.77	893.80	-815.28	0.84	1209.78	317.63
3936.00	16.08	315.00	3701.27	1218.94	900.31	-821.76	3.73	1218.95	317.61
3967.00	14.72	315.20	3731.15	1227.16	906.15	-827.57	4.39	1227.18	317.60
4031.00	13.12	316.68	3793.27	1242.55	917.20	-838.28	2.56	1242.57	317.57
4094.00	11.49	317.26	3854.82	1255.97	927.01	-847.44	2.59	1255.99	317.57
4158.00	9.92	316.95	3917.71	1267.86	935.72	-855.53	2.45	1267.88	317.56
4221.00	8.78	319.48	3979.87	1278.09	943.34	-862.36	1.92	1278.11	317.57
4285.00	8.07	319.75	4043.18	1287.46	950.48	-868.44	1.11	1287.48	317.58
4317.00	7.86	320.54	4074.87	1291.89	953.89	-871.28	0.74	1291.91	317.59
4348.00	6.65	323.23	4105.62	1295.80	956.96	-873.70	4.05	1295.81	317.60
4380.00	6.02	326.66	4137.42	1299.30	959.85	-875.73	2.30	1299.31	317.62
4412.00	5.19	327.24	4169.27	1302.39	962.47	-877.44	2.60	1302.40	317.65
4444.00	4.71	328.30	4201.15	1305.11	964.80	-878.91	1.53	1305.12	317.67
4475.00	3.77	330.07	4232.07	1307.36	966.77	-880.09	3.06	1307.36	317.69
4507.00	3.41	333.66	4264.00	1309.30	968.53	-881.04	1.33	1309.31	317.71
4534.00	3.09	332.75	4290.96	1310.78	969.90	-881.73	1.20	1310.78	317.73



**Scientific
Drilling**

Field: San Juan
Site: SEC 12-T29N-R7W
Well: San Juan 29-7 #38M
Wellpath: DH - Job #33D1109202
Survey: 11/10/09-11/13/09



SAN JUAN 29-7 UNIT #38M

Burlington Resources Oil & Gas Company, LP

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	12/3/2009	2/16/2010

Well Config: DEVIATED - Original Hole, 2/22/2010 8:55:55 AM

Schematic - Actual

