

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30771	² Pool Code 71599 / 72319	³ Pool Name BLANCO DAKOTA/MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28 - 6 UNIT	⁶ Well Number 154N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6449'

¹⁰ Surface Location

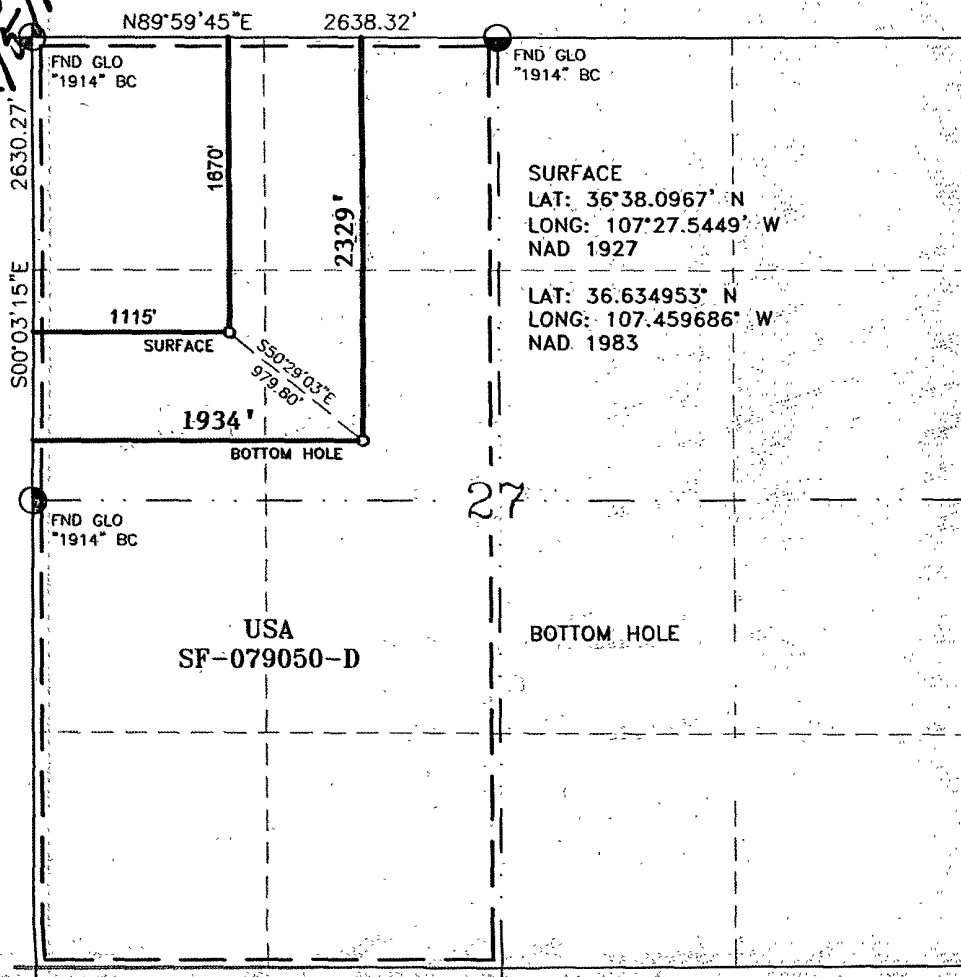
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	28-N	6-W		1670'	NORTH	1115'	WEST	RIO ARriba

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	27	28-N	6-W		2329	NORTH	1934	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. RCVD FEB 5 '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



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.

Crystal Tafa 2/5/10
Signature
Crystal Tafa 2/5/10
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.

10/24/08
Date of Survey
Signature and Seal of Registered Surveyor:
GENE W. RUSSELL
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
15703
Certificate Number 15703



COP Deviation Report

SAN JUAN 28-6 UNIT #154N

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 28-6 UNIT #154N	API / UWI 3003930771	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 027-028N-006W-E	N/S Dist (ft) 1,670.00	N/S Ref FNL	E/W Dist (ft) 1,115.00	E/W Ref FWL

Survey Data					
Date	MD (RKB)	Incl (°)	Method	Survey Company	
9/21/2009	130.00	0.75	Inc-Drop	MOTE	
9/21/2009	236.00	1.00	Inc-Drop	MOTE	
10/20/2009	266.00	0.91	MWD	Scientific Drilling	
10/20/2009	296.00	0.66	MWD	Scientific Drilling	
10/20/2009	327.00	0.34	MWD	Scientific Drilling	
10/20/2009	357.00	0.39	MWD	Scientific Drilling	
10/20/2009	387.00	1.35	MWD	Scientific Drilling	
10/20/2009	418.00	1.96	MWD	Scientific Drilling	
10/20/2009	449.00	2.86	MWD	Scientific Drilling	
10/20/2009	478.00	3.43	MWD	Scientific Drilling	
10/20/2009	508.00	4.37	MWD	Scientific Drilling	
10/20/2009	538.00	5.34	MWD	Scientific Drilling	
10/20/2009	568.00	5.94	MWD	Scientific Drilling	
10/20/2009	598.00	7.12	MWD	Scientific Drilling	
10/20/2009	629.00	7.47	MWD	Scientific Drilling	
10/20/2009	660.00	8.64	MWD	Scientific Drilling	
10/20/2009	691.00	9.18	MWD	Scientific Drilling	
10/20/2009	722.00	10.13	MWD	Scientific Drilling	
10/20/2009	753.00	10.55	MWD	Scientific Drilling	
10/20/2009	783.00	11.24	MWD	Scientific Drilling	
10/20/2009	814.00	12.10	MWD	Scientific Drilling	
10/20/2009	863.00	13.39	MWD	Scientific Drilling	
10/20/2009	908.00	14.12	MWD	Scientific Drilling	
10/20/2009	953.00	15.11	MWD	Scientific Drilling	
10/20/2009	998.00	16.21	MWD	Scientific Drilling	
10/20/2009	1,043.00	17.05	MWD	Scientific Drilling	
10/20/2009	1,088.00	18.26	MWD	Scientific Drilling	
10/20/2009	1,133.00	19.42	MWD	Scientific Drilling	
10/20/2009	1,178.00	19.76	MWD	Scientific Drilling	
10/20/2009	1,222.00	20.38	MWD	Scientific Drilling	
10/20/2009	1,267.00	20.93	MWD	Scientific Drilling	
10/20/2009	1,312.00	21.32	MWD	Scientific Drilling	
10/20/2009	1,357.00	21.95	MWD	Scientific Drilling	
10/20/2009	1,402.00	21.78	MWD	Scientific Drilling	
10/20/2009	1,447.00	21.66	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 28-6 UNIT #154N

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/20/2009	1,492.00	21.77	MWD	Scientific Drilling
10/20/2009	1,537.00	22.32	MWD	Scientific Drilling
10/20/2009	1,582.00	22.57	MWD	Scientific Drilling
10/20/2009	1,627.00	23.07	MWD	Scientific Drilling
10/21/2009	1,672.00	22.90	MWD	Scientific Drilling
10/21/2009	1,717.00	23.21	MWD	Scientific Drilling
10/21/2009	1,762.00	23.38	MWD	Scientific Drilling
10/21/2009	1,807.00	23.47	MWD	Scientific Drilling
10/21/2009	1,852.00	24.25	MWD	Scientific Drilling
10/21/2009	1,897.00	24.26	MWD	Scientific Drilling
10/21/2009	1,942.00	25.00	MWD	Scientific Drilling
10/21/2009	1,987.00	25.26	MWD	Scientific Drilling
10/21/2009	2,032.00	25.78	MWD	Scientific Drilling
10/21/2009	2,077.00	25.76	MWD	Scientific Drilling
10/21/2009	2,122.00	25.96	MWD	Scientific Drilling
10/21/2009	2,167.00	26.17	MWD	Scientific Drilling
10/21/2009	2,212.00	26.36	MWD	Scientific Drilling
10/21/2009	2,257.00	26.26	MWD	Scientific Drilling
10/21/2009	2,302.00	26.52	MWD	Scientific Drilling
10/21/2009	2,392.00	25.65	MWD	Scientific Drilling
10/21/2009	2,482.00	25.17	MWD	Scientific Drilling
10/21/2009	2,572.00	25.41	MWD	Scientific Drilling
10/21/2009	2,662.00	26.48	MWD	Scientific Drilling
10/21/2009	2,752.00	27.28	MWD	Scientific Drilling
10/21/2009	2,842.00	27.77	MWD	Scientific Drilling
10/21/2009	2,887.00	27.73	MWD	Scientific Drilling
10/21/2009	2,932.00	26.83	MWD	Scientific Drilling
10/21/2009	2,977.00	25.28	MWD	Scientific Drilling
10/21/2009	3,022.00	23.94	MWD	Scientific Drilling
10/21/2009	3,067.00	21.95	MWD	Scientific Drilling
10/21/2009	3,112.00	20.15	MWD	Scientific Drilling
10/21/2009	3,157.00	18.38	MWD	Scientific Drilling
10/21/2009	3,202.00	17.21	MWD	Scientific Drilling
10/21/2009	3,247.00	15.45	MWD	Scientific Drilling
10/21/2009	3,292.00	13.90	MWD	Scientific Drilling
10/21/2009	3,337.00	11.89	MWD	Scientific Drilling
10/21/2009	3,382.00	10.14	MWD	Scientific Drilling
10/21/2009	3,427.00	8.47	MWD	Scientific Drilling
10/21/2009	3,472.00	7.23	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 28-6 UNIT #154N

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
10/21/2009	3,517.00	6.38	MWD	Scientific Drilling	
10/21/2009	3,562.00	5.51	MWD	Scientific Drilling	
10/21/2009	3,607.00	3.88	MWD	Scientific Drilling	
10/21/2009	3,652.00	2.73	MWD	Scientific Drilling	
10/22/2009	3,663.00	2.32	MWD	Scientific Drilling	
10/30/2009	3,667.00	5.00	Inc-Drop	H&P DRILLING	
10/30/2009	3,712.00	4.50	Inc-Drop	H&P DRILLING	
10/30/2009	3,757.00	4.75	Inc-Drop	H&P DRILLING	
10/30/2009	3,847.00	4.25	Inc-Drop	H&P DRILLING	
10/30/2009	3,937.00	3.00	Inc-Drop	H&P DRILLING	
10/30/2009	3,982.00	3.25	Inc-Drop	H&P DRILLING	
10/30/2009	4,027.00	2.75	Inc-Drop	H&P DRILLING	
11/9/2009	7,865.00	0.25	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.

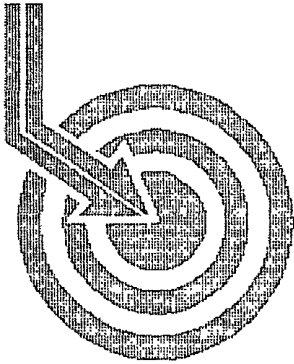
Alb G. M.

Subscribed and sworn to me this Jan 28, 2010

[Signature]

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: SEC 27-T28N-R6W
Well: San Juan 28-6 #154N
Wellpath: DH - Job #33D1009184
Survey: 10/16/09-10/22/09
API # 30.039.30771

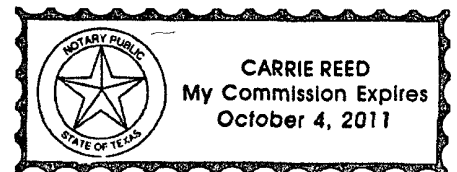


This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*R. Wharton*.....Company Representative

Notorized this date 10th of November, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International COP Survey Report

Company: BURLINGTON RESOURCES Date: 11/09/2009 Time: 14:04:37 Page: 1
Field: San Juan Co-ordinate(NE) Reference: Well: San Juan 28-6 #154N, True North
Site: SEC 27-T28N-R6W Vertical (TVD) Reference: SITE 0.0
Well: San Juan 28-6 #154N Section (VS) Reference: Well (0.00N,0.00E,129.51Azi)
Wellpath: DH - Job #33D1009184 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 10/16/09-10/22/09 Start Date: 10/16/2009
Company: Scientific Drilling Internatio Engineer: Burrus/Webb/Wagner/Kasbaum/Oro
Tool: E-field;E-field Tied-to: From Surface

Site: SEC 27-T28N-R6W
Site Position: Northing: 2050585.78 ft Latitude: 36 38 5.802 N
From: Map Easting: 609807.63 ft Longitude: 107 27 32.694 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 6449.00 ft Grid Convergence: 0.22 deg

Well: San Juan 28-6 #154N Slot Name:
1051' Slant @ S50.49E
Well Position: +N/-S 0.00 ft Northing: 2050585.78 ft Latitude: 36 38 5.802 N
+E/-W 0.00 ft Easting: 609807.63 ft Longitude: 107 27 32.694 W
Position Uncertainty: 0.00 ft

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	0.91	328.22	265.99	-2.00	1.80	-1.11	0.34	2.11	328.22	
296.00	0.66	301.42	295.99	-2.40	2.09	-1.39	1.46	2.51	326.44	
327.00	0.34	304.78	326.98	-2.67	2.23	-1.61	1.04	2.76	324.16	
357.00	0.39	132.59	356.98	-2.65	2.22	-1.61	2.43	2.74	323.97	
387.00	1.35	125.72	386.98	-2.20	1.94	-1.25	3.21	2.31	327.22	
418.00	1.96	138.67	417.97	-1.31	1.33	-0.60	2.30	1.46	335.61	
449.00	2.86	128.93	448.94	-0.01	0.44	0.35	3.18	0.57	38.14	
478.00	3.43	134.59	477.90	1.57	-0.62	1.53	2.24	1.65	112.03	
508.00	4.37	130.29	507.83	3.61	-1.99	3.04	3.28	3.63	123.18	
538.00	5.34	130.20	537.72	6.15	-3.63	4.98	3.23	6.16	126.08	
568.00	5.94	128.16	567.57	9.10	-5.49	7.27	2.11	9.11	127.07	
598.00	7.12	130.49	597.38	12.51	-7.65	9.90	4.03	12.51	127.71	
629.00	7.47	130.15	628.13	16.44	-10.20	12.90	1.14	16.45	128.33	
660.00	8.64	129.01	658.82	20.79	-12.97	16.25	3.81	20.79	128.59	
691.00	9.18	130.23	689.45	25.59	-16.03	19.95	1.85	25.59	128.78	
722.00	10.13	133.23	720.01	30.78	-19.49	23.82	3.47	30.78	129.29	
753.00	10.55	130.31	750.50	36.34	-23.20	27.97	2.17	36.34	129.67	
783.00	11.24	131.02	779.96	42.01	-26.89	32.27	2.34	42.01	129.80	
814.00	12.10	133.74	810.32	48.27	-31.12	36.90	3.29	48.27	130.14	
863.00	13.39	131.64	858.11	59.06	-38.44	44.85	2.80	59.07	130.60	
908.00	14.12	133.31	901.82	69.75	-45.67	52.74	1.85	69.77	130.89	
953.00	15.11	131.79	945.37	81.08	-53.34	61.11	2.36	81.12	131.12	
998.00	16.21	131.04	988.70	93.22	-61.38	70.22	2.49	93.26	131.16	
1043.00	17.05	130.80	1031.81	106.10	-69.81	79.95	1.87	106.14	131.13	
1088.00	18.26	131.48	1074.69	119.74	-78.79	90.23	2.73	119.79	131.13	
1133.00	19.42	130.86	1117.28	134.26	-88.36	101.17	2.62	134.32	131.13	
1178.00	19.76	130.27	1159.68	149.35	-98.17	112.63	0.87	149.41	131.08	
1222.00	20.38	129.80	1201.01	164.45	-107.88	124.19	1.46	164.50	130.98	
1267.00	20.93	129.87	1243.11	180.32	-118.05	136.38	1.22	180.37	130.88	
1312.00	21.32	129.95	1285.09	196.54	-128.45	148.82	0.87	196.59	130.80	
1357.00	21.95	130.07	1326.92	213.13	-139.12	161.53	1.40	213.18	130.74	
1402.00	21.78	130.29	1368.68	229.89	-149.93	174.33	0.42	229.94	130.70	
1447.00	21.66	128.72	1410.49	246.54	-160.53	187.18	1.32	246.59	130.62	
1492.00	21.77	128.96	1452.29	263.19	-170.97	200.15	0.31	263.23	130.50	
1537.00	22.32	129.31	1494.00	280.08	-181.63	213.25	1.26	280.11	130.42	
1582.00	22.57	129.55	1535.59	297.26	-192.54	226.52	0.59	297.29	130.36	



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 11/09/2009	Time: 14:04:37	Page: 2
Field: San Juan	Co-ordinate(NE) Reference:	Well: San Juan 28-6 #154N, True North	
Site: SEC 27-T28N-R6W	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-6 #154N	Section (VS) Reference:	Well (0.00N,0.00E,129.51Azi)	
Wellpath: DH - Job #33D1009184	Survey Calculation Method:	Minimum Curvature	Db: Sybase

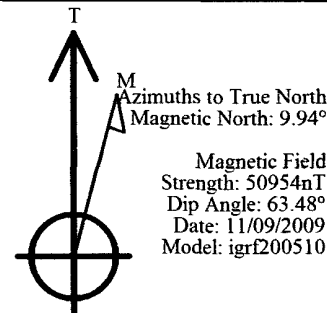
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1627.00	23.07	129.09	1577.07	314.71	-203.60	240.02	1.18	314.74	130.31
1672.00	22.90	129.55	1618.50	332.28	-214.73	253.61	0.55	332.31	130.25
1717.00	23.21	129.26	1659.90	349.90	-225.92	267.23	0.73	349.93	130.21
1762.00	23.38	129.42	1701.24	367.70	-237.20	280.99	0.40	367.72	130.17
1807.00	23.47	128.79	1742.53	385.59	-248.49	294.87	0.59	385.61	130.12
1852.00	24.25	128.91	1783.68	403.79	-259.90	309.05	1.74	403.81	130.06
1897.00	24.26	128.89	1824.71	422.28	-271.51	323.44	0.03	422.29	130.01
1942.00	25.00	129.14	1865.61	441.03	-283.32	338.01	1.66	441.04	129.97
1987.00	25.26	128.70	1906.35	460.14	-295.32	352.88	0.71	460.15	129.93
2032.00	25.78	128.83	1946.96	479.52	-307.46	367.99	1.16	479.53	129.88
2077.00	25.76	129.04	1987.49	499.09	-319.76	383.21	0.21	499.09	129.84
2122.00	25.96	129.21	2027.98	518.71	-332.14	398.44	0.47	518.72	129.82
2167.00	26.17	128.86	2068.41	538.49	-344.60	413.80	0.58	538.49	129.79
2212.00	26.36	128.62	2108.76	558.40	-357.06	429.33	0.48	558.40	129.75
2257.00	26.26	128.05	2149.10	578.34	-369.43	444.97	0.60	578.34	129.70
2302.00	26.52	127.52	2189.41	598.33	-381.68	460.78	0.78	598.33	129.64
2392.00	25.65	128.15	2270.24	637.89	-405.95	492.04	1.01	637.89	129.52
2482.00	25.17	127.21	2351.53	676.48	-429.56	522.60	0.70	676.48	129.42
2572.00	25.41	125.33	2432.91	714.87	-452.30	553.59	0.93	714.87	129.25
2662.00	26.48	127.25	2513.84	754.17	-475.61	585.32	1.51	754.19	129.10
2752.00	27.28	129.41	2594.12	794.85	-500.85	617.23	1.40	794.88	129.06
2842.00	27.77	128.88	2673.93	836.44	-527.11	649.49	0.61	836.47	129.06
2887.00	27.73	128.66	2713.75	857.39	-540.23	665.82	0.24	857.42	129.05
2932.00	26.83	129.83	2753.75	878.02	-553.27	681.80	2.33	878.04	129.06
2977.00	25.28	129.52	2794.17	897.78	-565.89	697.01	3.46	897.81	129.07
3022.00	23.94	129.76	2835.09	916.52	-577.85	711.44	2.99	916.55	129.08
3067.00	21.95	128.77	2876.52	934.06	-588.96	725.02	4.50	934.09	129.09
3112.00	20.15	128.63	2918.52	950.22	-599.06	737.63	4.00	950.25	129.08
3157.00	18.38	128.26	2961.00	965.07	-608.29	749.26	3.94	965.09	129.07
3202.00	17.21	128.84	3003.84	978.82	-616.86	760.01	2.63	978.85	129.06
3247.00	15.45	128.20	3047.03	991.47	-624.74	769.91	3.93	991.50	129.06
3292.00	13.90	128.87	3090.56	1002.86	-631.84	778.83	3.46	1002.90	129.05
3337.00	11.89	127.48	3134.42	1012.90	-638.06	786.72	4.52	1012.94	129.04
3382.00	10.14	127.05	3178.59	1021.49	-643.27	793.56	3.89	1021.53	129.03
3427.00	8.47	125.00	3223.00	1028.76	-647.55	799.43	3.78	1028.80	129.01
3472.00	7.23	120.23	3267.57	1034.86	-650.88	804.60	3.11	1034.90	128.97
3517.00	6.38	121.93	3312.26	1040.13	-653.63	809.16	1.94	1040.18	128.93
3562.00	5.51	123.12	3357.01	1044.75	-656.13	813.10	1.95	1044.81	128.90
3607.00	3.88	117.31	3401.86	1048.39	-658.01	816.26	3.77	1048.45	128.87
3652.00	2.73	103.41	3446.79	1050.84	-658.96	818.65	3.10	1050.91	128.83
3663.00	2.32	88.71	3457.78	1051.24	-659.01	819.13	6.94	1051.32	128.82

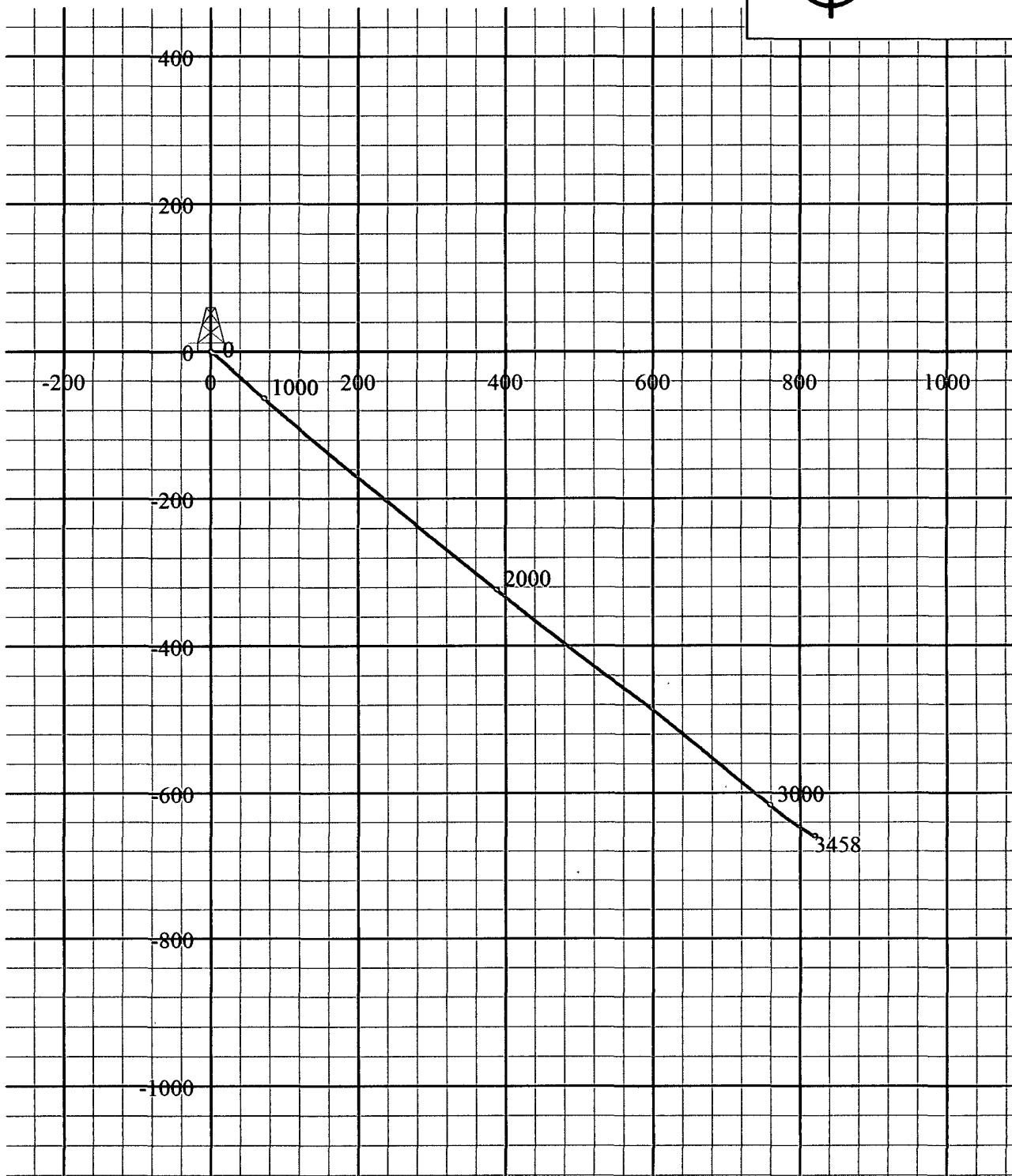


Scientific
Drilling

Field: San Juan
Site: SEC 27-T28N-R6W
Well: San Juan 28-6 #154N
Wellpath: DH - Job #33D1009184
Survey: 10/16/09-10/22/09



South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]

SAN JUAN 28-6 UNIT #154N

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	11/18/2009	1/25/2010

Well Config: DEVIATED - Sidetrack 1, 1/26/2010 8:55:34 AM

