

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30728	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 142 P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6475'

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
L	21	28N	6W		1370'	SOUTH	1295'	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
K	21	28N	6W		1713	SOUTH	2071	WEST	RIO ARRIBA

¹² Dedicated Acres 320.0 Acres - (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD JAN 20 '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**

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.

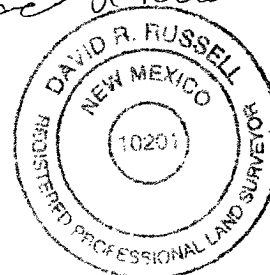
Crystal Tafoya 1/6/10
Signature Date
Crystal Tafoya 1/6/2010
Printed Name

¹⁸ SURVEYOR CERTIFICATION

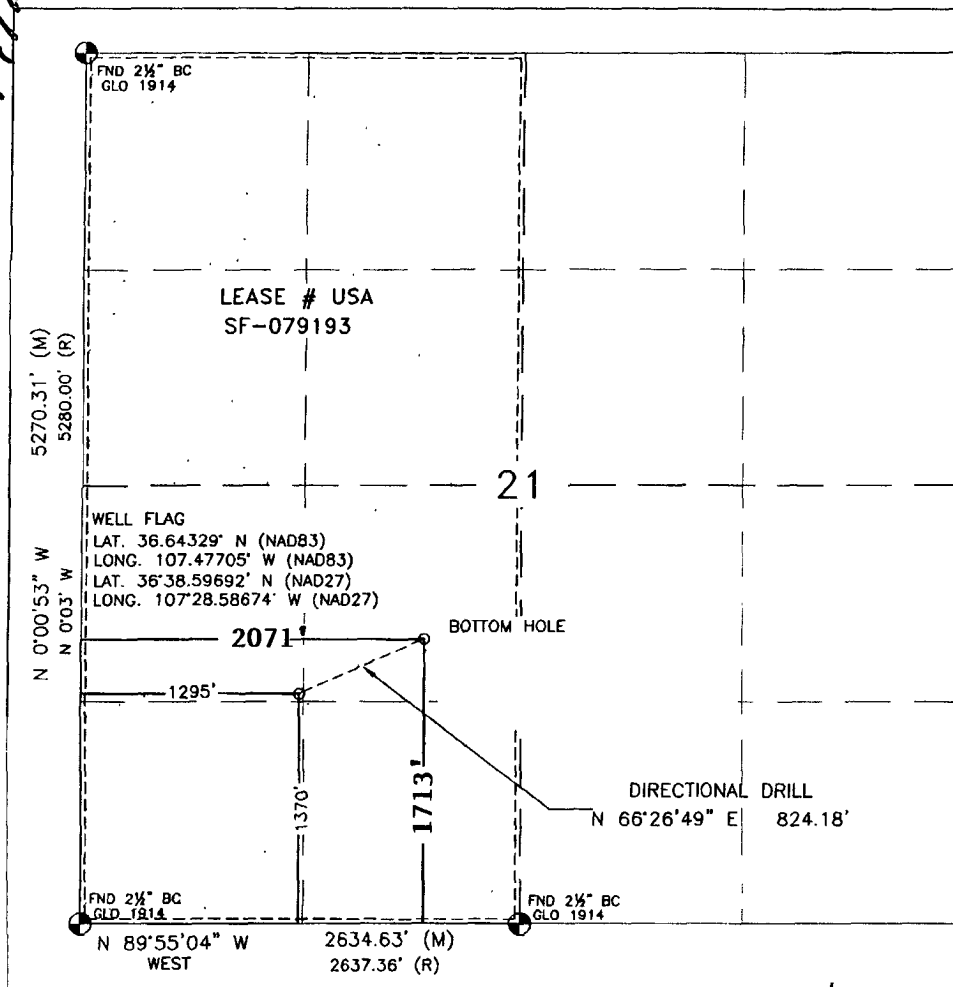
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 20, 2008

Date of Survey
Signature and Seal of Professional Surveyor
David Russell



DAVID RUSSELL
Certificate Number 10201



PA

ConocoPhillips**COP Deviation Report
SAN JUAN 28-6 UNIT #142P**

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName SAN JUAN 28-6 UNIT #142P	API / UWI 3003930728	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 021-028N-006W-L	N/S Dist (ft) 1,370.00	N/S Ref FSL	E/W Dist (ft) 1,295.00	E/W Ref FWL

Survey Data					Survey Company
Date	MD (ftKB)	Incl (°)	Method		
9/14/2009	130.00	1.50	Inc-Drop		MOTE
9/14/2009	236.00	2.00	Inc-Drop		MOTE
10/3/2009	328.00	2.75	MWD		Scientific Drilling
10/3/2009	359.00	2.82	MWD		Scientific Drilling
10/3/2009	390.00	2.74	MWD		Scientific Drilling
10/3/2009	421.00	1.85	MWD		Scientific Drilling
10/3/2009	451.00	1.56	MWD		Scientific Drilling
10/3/2009	482.00	1.52	MWD		Scientific Drilling
10/3/2009	513.00	1.48	MWD		Scientific Drilling
10/3/2009	544.00	0.85	MWD		Scientific Drilling
10/3/2009	574.00	1.15	MWD		Scientific Drilling
10/3/2009	605.00	2.08	MWD		Scientific Drilling
10/3/2009	635.00	3.27	MWD		Scientific Drilling
10/3/2009	666.00	4.72	MWD		Scientific Drilling
10/3/2009	697.00	5.94	MWD		Scientific Drilling
10/3/2009	727.00	7.17	MWD		Scientific Drilling
10/3/2009	757.00	8.46	MWD		Scientific Drilling
10/3/2009	788.00	9.59	MWD		Scientific Drilling
10/3/2009	817.00	10.25	MWD		Scientific Drilling
10/3/2009	866.00	11.46	MWD		Scientific Drilling
10/3/2009	911.00	12.52	MWD		Scientific Drilling
10/3/2009	956.00	13.97	MWD		Scientific Drilling
10/3/2009	1,001.00	15.01	MWD		Scientific Drilling
10/3/2009	1,046.00	16.42	MWD		Scientific Drilling
10/3/2009	1,091.00	17.25	MWD		Scientific Drilling
10/3/2009	1,136.00	17.72	MWD		Scientific Drilling
10/3/2009	1,181.00	18.69	MWD		Scientific Drilling
10/3/2009	1,226.00	19.51	MWD		Scientific Drilling
10/3/2009	1,271.00	18.36	MWD		Scientific Drilling
10/3/2009	1,316.00	18.21	MWD		Scientific Drilling
10/4/2009	1,361.00	17.94	MWD		Scientific Drilling
10/4/2009	1,406.00	17.93	MWD		Scientific Drilling
10/4/2009	1,451.00	17.57	MWD		Scientific Drilling
10/4/2009	1,496.00	17.59	MWD		Scientific Drilling
10/4/2009	1,541.00	17.70	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 _____

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/4/2009	1,586.00	17.54	MWD	Scientific Drilling
10/4/2009	1,631.00	17.45	MWD	Scientific Drilling
10/4/2009	1,676.00	17.07	MWD	Scientific Drilling
10/4/2009	1,721.00	17.14	MWD	Scientific Drilling
10/4/2009	1,766.00	17.20	MWD	Scientific Drilling
10/4/2009	1,811.00	17.42	MWD	Scientific Drilling
10/4/2009	1,856.00	17.16	MWD	Scientific Drilling
10/4/2009	1,901.00	17.13	MWD	Scientific Drilling
10/4/2009	1,946.00	17.00	MWD	Scientific Drilling
10/4/2009	1,991.00	17.12	MWD	Scientific Drilling
10/4/2009	2,036.00	16.62	MWD	Scientific Drilling
10/4/2009	2,081.00	16.63	MWD	Scientific Drilling
10/4/2009	2,126.00	17.58	MWD	Scientific Drilling
10/4/2009	2,171.00	18.57	MWD	Scientific Drilling
10/4/2009	2,216.00	19.02	MWD	Scientific Drilling
10/4/2009	2,261.00	20.14	MWD	Scientific Drilling
10/4/2009	2,306.00	20.66	MWD	Scientific Drilling
10/4/2009	2,351.00	21.04	MWD	Scientific Drilling
10/4/2009	2,396.00	21.66	MWD	Scientific Drilling
10/4/2009	2,441.00	22.16	MWD	Scientific Drilling
10/4/2009	2,486.00	22.55	MWD	Scientific Drilling
10/4/2009	2,576.00	23.20	MWD	Scientific Drilling
10/4/2009	2,666.00	24.23	MWD	Scientific Drilling
10/4/2009	2,755.00	23.89	MWD	Scientific Drilling
10/4/2009	2,845.00	23.39	MWD	Scientific Drilling
10/4/2009	2,890.00	23.31	MWD	Scientific Drilling
10/4/2009	2,935.00	23.18	MWD	Scientific Drilling
10/4/2009	2,980.00	21.33	MWD	Scientific Drilling
10/4/2009	3,025.00	19.12	MWD	Scientific Drilling
10/4/2009	3,070.00	17.60	MWD	Scientific Drilling
10/4/2009	3,115.00	16.15	MWD	Scientific Drilling
10/4/2009	3,160.00	14.41	MWD	Scientific Drilling
10/4/2009	3,205.00	13.02	MWD	Scientific Drilling
10/4/2009	3,250.00	12.15	MWD	Scientific Drilling
10/4/2009	3,295.00	10.50	MWD	Scientific Drilling
10/4/2009	3,340.00	9.19	MWD	Scientific Drilling
10/4/2009	3,385.00	8.08	MWD	Scientific Drilling
10/4/2009	3,430.00	6.92	MWD	Scientific Drilling
10/4/2009	3,475.00	5.83	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 _____

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
10/4/2009	3,520.00	4.51	MWD	Scientific Drilling	
10/4/2009	3,565.00	3.23	MWD	Scientific Drilling	
10/4/2009	3,610.00	2.48	MWD	Scientific Drilling	
10/4/2009	3,651.00	1.98	MWD	Scientific Drilling	
10/15/2009	7,846.00	0.75	Inc-WL	PHOENIX	

RCVD JAN 20 '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.

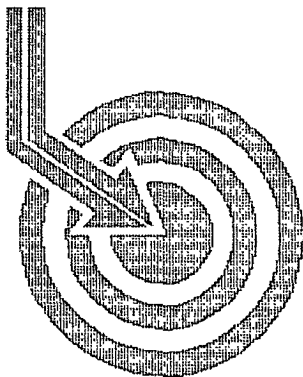
M. G. H.

Subscribed and sworn to me this Jan 7, 2010

Capital S. Tafaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

RCVD JAN 20 '10

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

Field: San Juan

Site: SEC 21-T28N-R6W

Well: San Juan 28-6 #142P

Wellpath: DH - Job #33D1009170

Survey: 10/02/09-10/05/09

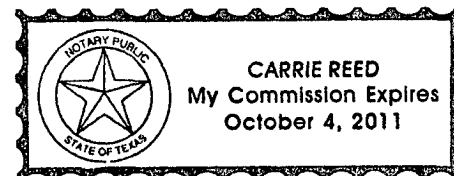
API # 30.03A.30728

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

Richard.....Company Representative

Notorized this date 20th of October, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 10/28/2009	Time: 14:33:10	Page: 1
Field: San Juan	Co-ordinate(NE) Reference: Well: San Juan 28-6 #142P, True North		
Site: SEC 21-T28N-R6W	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 28-6 #142P	Section (VS) Reference: Well (0.00N,0.00E,66.51Azi)		
Wellpath: DH - Job #33D1009170	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/02/09-10/05/09	Start Date: 10/02/2009
E-field 0'-3651'	
Company: Scientific Drilling Internatio	Engineer: Burrus/Webb/Wagner/Rogers
Tool: E-field;E-field	Tied-to: From Surface

Site: SEC 21-T28N-R6W

Site Position:	Northing: 2053601.39 ft	Latitude: 36 38 35.815 N
From: Map	Easting: 604701.63 ft	Longitude: 107 28 35.204 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 0.00 ft		Grid Convergence: 0.21 deg

Well: San Juan 28-6 #142P	Slot Name:
848' Slant @ N66.51E	
Well Position: +N/-S 0.00 ft	Northing: 2053601.39 ft
+E/-W 0.00 ft	Easting: 604701.63 ft
	Latitude: 36 38 35.815 N
	Longitude: 107 28 35.204 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
328.00	2.75	134.51	327.87	2.95	-5.52	5.61	0.84	7.87	134.51
359.00	2.82	140.21	358.84	3.44	-6.62	6.63	0.92	9.37	134.97
390.00	2.74	140.38	389.80	3.86	-7.78	7.59	0.26	10.87	135.71
421.00	1.85	130.90	420.78	4.28	-8.68	8.44	3.11	12.11	135.80
451.00	1.56	120.26	450.76	4.73	-9.20	9.16	1.43	12.98	135.13
482.00	1.52	116.01	481.75	5.25	-9.60	9.89	0.39	13.78	134.12
513.00	1.48	112.10	512.74	5.80	-9.93	10.64	0.35	14.55	133.03
544.00	0.85	73.15	543.73	6.31	-10.01	11.23	3.15	15.04	131.72
574.00	1.15	44.61	573.73	6.81	-9.73	11.65	1.91	15.18	129.87
605.00	2.08	48.29	604.72	7.63	-9.14	12.29	3.02	15.31	126.63
635.00	3.27	51.73	634.68	8.97	-8.24	13.37	4.00	15.70	121.66
666.00	4.72	52.80	665.61	11.07	-6.92	15.08	4.68	16.59	114.67
697.00	5.94	53.48	696.47	13.87	-5.20	17.38	3.94	18.14	106.65
727.00	7.17	53.54	726.28	17.21	-3.16	20.14	4.10	20.38	98.93
757.00	8.46	55.08	756.00	21.19	-0.79	23.45	4.36	23.46	91.92
788.00	9.59	55.59	786.61	25.97	1.98	27.45	3.65	27.52	85.88
817.00	10.25	55.74	815.18	30.87	4.80	31.58	2.28	31.94	81.36
866.00	11.46	55.64	863.30	39.94	10.00	39.20	2.47	40.45	75.69
911.00	12.52	54.73	907.32	49.10	15.34	46.87	2.39	49.32	71.88
956.00	13.97	53.74	951.12	59.17	21.37	55.23	3.26	59.22	68.85
1001.00	15.01	55.20	994.69	70.19	27.91	64.40	2.45	70.19	66.57
1046.00	16.42	56.08	1038.01	82.16	34.78	74.46	3.18	82.19	64.96
1091.00	17.25	57.38	1081.08	95.00	41.93	85.36	2.03	95.10	63.84
1136.00	17.72	58.85	1124.00	108.37	49.07	96.84	1.43	108.56	63.13
1181.00	18.69	59.11	1166.75	122.31	56.31	108.89	2.16	122.59	62.66
1226.00	19.51	60.69	1209.27	136.94	63.69	121.63	2.15	137.30	62.36
1271.00	18.36	61.60	1251.83	151.47	70.74	134.42	2.64	151.89	62.24
1316.00	18.21	62.97	1294.56	165.55	77.31	146.91	1.01	166.01	62.25
1361.00	17.94	65.72	1337.34	179.50	83.35	159.50	1.99	179.96	62.41
1406.00	17.93	66.42	1380.15	193.36	88.97	172.16	0.48	193.79	62.67
1451.00	17.57	69.09	1423.01	207.07	94.17	184.85	1.98	207.46	63.01
1496.00	17.59	68.78	1465.91	220.65	99.05	197.54	0.21	220.98	63.37
1541.00	17.70	68.20	1508.79	234.28	104.05	210.23	0.46	234.57	63.67
1586.00	17.54	68.55	1551.68	247.90	109.07	222.89	0.43	248.15	63.92
1631.00	17.45	67.95	1594.60	261.42	114.09	235.46	0.45	261.64	64.15
1676.00	17.07	68.13	1637.57	274.76	119.08	247.84	0.85	274.96	64.34



Scientific Drilling International

COP Survey Report

Company: BURLINGTON RESOURCES	Date: 10/28/2009	Time: 14:33:10	Page: 2
Field: San Juan	Co-ordinate(NE) Reference: Well: San Juan 28-6 #142P, True North		
Site: SEC 21-T28N-R6W	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 28-6 #142P	Section (VS) Reference: Well (0.00N,0.00E,66.51Azi)		
Wellpath: DH - Job #33D1009170	Survey Calculation Method: Minimum Curvature	Db: Sybase	

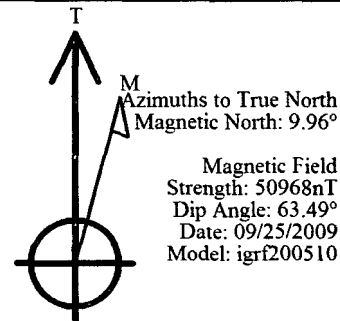
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
1721.00	17.14	67.98	1680.58	287.99	124.03	260.12	0.18	288.17	64.51
1766.00	17.20	67.93	1723.58	301.28	129.01	272.43	0.14	301.43	64.66
1811.00	17.42	67.48	1766.54	314.66	134.09	284.82	0.57	314.80	64.79
1856.00	17.16	67.79	1809.51	328.03	139.18	297.18	0.61	328.16	64.90
1901.00	17.13	68.27	1852.51	341.29	144.14	309.49	0.32	341.41	65.03
1946.00	17.00	67.68	1895.53	354.49	149.10	321.73	0.48	354.60	65.14
1991.00	17.12	67.70	1938.55	367.69	154.11	333.94	0.27	367.79	65.23
2036.00	16.62	66.84	1981.61	380.75	159.15	345.99	1.24	380.84	65.30
2081.00	16.63	66.67	2024.73	393.63	164.23	357.82	0.11	393.71	65.35
2126.00	17.58	67.93	2067.74	406.86	169.34	370.03	2.27	406.93	65.41
2171.00	18.57	67.78	2110.52	420.82	174.60	382.96	2.20	420.88	65.49
2216.00	19.02	67.51	2153.12	435.31	180.12	396.37	1.02	435.37	65.56
2261.00	20.14	67.39	2195.51	450.39	185.90	410.29	2.49	450.44	65.63
2306.00	20.66	67.25	2237.69	466.07	191.95	424.77	1.16	466.12	65.68
2351.00	21.04	68.07	2279.74	482.09	198.03	439.58	1.06	482.13	65.75
2396.00	21.66	67.93	2321.66	498.47	204.17	454.77	1.38	498.50	65.82
2441.00	22.16	67.94	2363.41	515.25	210.48	470.33	1.11	515.28	65.89
2486.00	22.55	68.40	2405.02	532.36	216.84	486.22	0.95	532.38	65.96
2576.00	23.20	68.13	2487.95	567.33	229.80	518.72	0.73	567.34	66.11
2666.00	24.23	68.54	2570.34	603.51	243.16	552.36	1.16	603.51	66.24
2755.00	23.89	68.82	2651.61	639.76	256.35	586.16	0.40	639.77	66.38
2845.00	23.39	68.05	2734.06	675.83	269.62	619.72	0.65	675.83	66.49
2890.00	23.31	68.05	2775.37	693.66	276.28	636.27	0.18	693.66	66.53
2935.00	23.18	66.95	2816.72	711.42	283.08	652.67	1.01	711.42	66.55
2980.00	21.33	65.24	2858.37	728.46	289.97	668.26	4.36	728.46	66.54
3025.00	19.12	63.56	2900.59	744.00	296.68	682.29	5.08	744.00	66.50
3070.00	17.60	62.21	2943.30	758.15	303.14	694.91	3.51	758.15	66.43
3115.00	16.15	62.55	2986.36	771.18	309.19	706.48	3.23	771.18	66.36
3160.00	14.41	63.58	3029.77	783.01	314.57	717.05	3.91	783.02	66.31
3205.00	13.02	61.09	3073.48	793.65	319.51	726.50	3.36	793.66	66.26
3250.00	12.15	59.85	3117.40	803.40	324.34	735.03	2.02	803.41	66.19
3295.00	10.50	62.86	3161.53	812.20	328.59	742.78	3.89	812.21	66.14
3340.00	9.19	66.00	3205.86	819.88	331.92	749.71	3.15	819.90	66.12
3385.00	8.08	65.98	3250.35	826.64	334.67	755.88	2.47	826.66	66.12
3430.00	6.92	68.08	3294.97	832.51	336.97	761.29	2.65	832.53	66.12
3475.00	5.83	64.34	3339.69	837.51	338.97	765.86	2.59	837.52	66.13
3520.00	4.51	66.61	3384.50	841.56	340.67	769.54	2.97	841.58	66.12
3565.00	3.23	69.65	3429.40	844.59	341.81	772.36	2.88	844.61	66.13
3610.00	2.48	72.18	3474.34	846.83	342.55	774.47	1.69	846.85	66.14
3651.00	1.98	84.70	3515.31	848.38	342.89	776.02	1.70	848.40	66.16

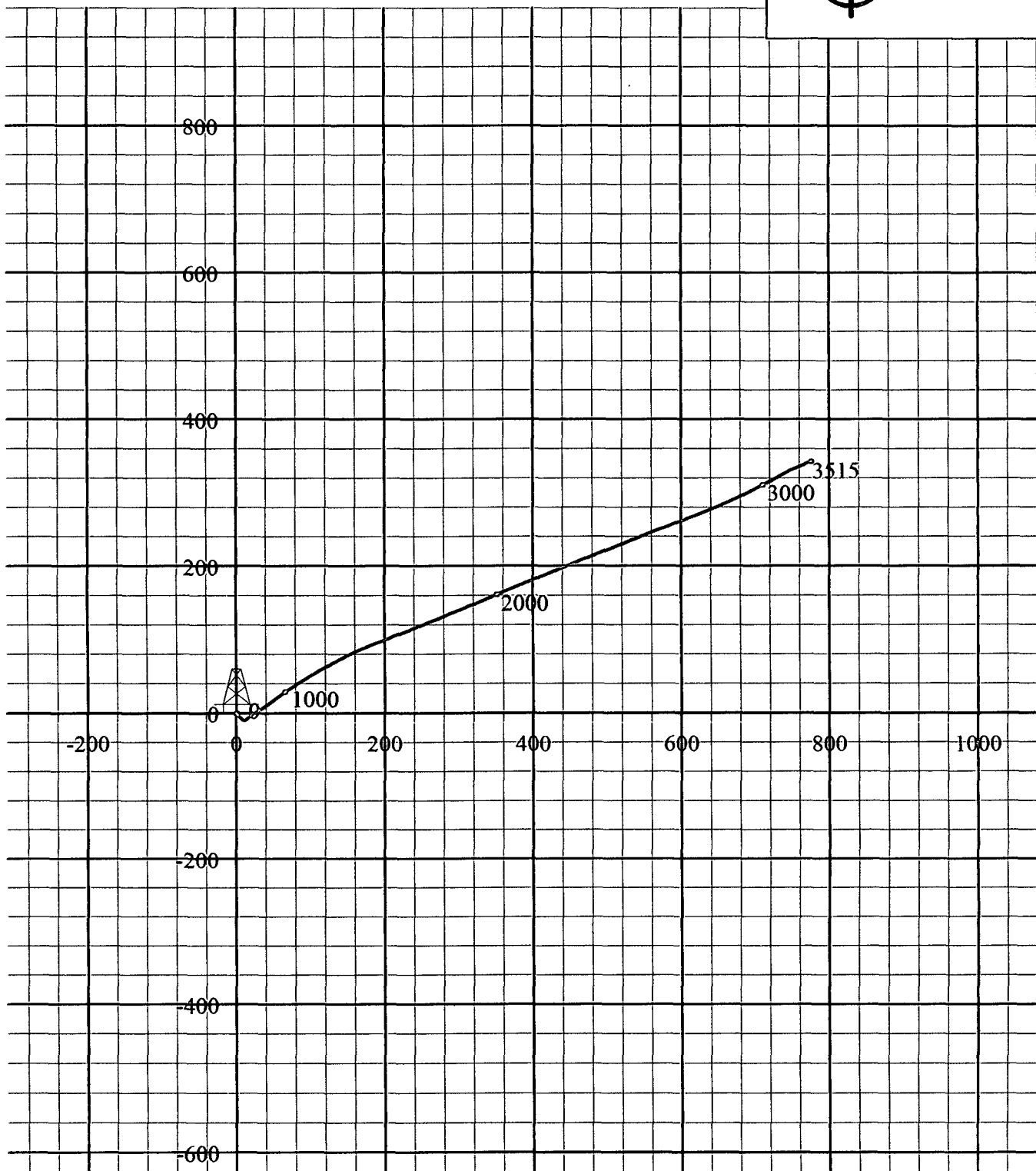


Scientific
Drilling

Field: San Juan
Site: SEC 21-T28N-R6W
Well: San Juan 28-6 #142P
Wellpath: DH - Job #33D1009170
Survey: 10/02/09-10/05/09



South(-)/North(+) [100ft/in]



West(-)/East(+) [100ft/in]

SAN JUAN 28-6 UNIT #142P

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	10/26/2009	12/24/2009

Well Config: DEVIATED - Original Hole, 1/15/2010 12:50:52 PM

