

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30714	² Pool Code 72319 / 71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 144N
⁷ OGRID No 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6630'

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
K	17	28N	6W		1685	SOUTH	1460	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
L	17	28N	6W		1922	SOUTH	350	WEST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - W/2 (MV) 320.0 Acres - W/2 (DK)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. RCVD DEC 3 '09 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 5274.72' LEASE USA SF-079192 17 BOTTOM-HOLE 350' BOTTOM HOLE 1112.8' N76°21.6'W 950' 1460' 1175' SURFACE LOCATION 5273.40' 5280.00' 1922' 1685' SURFACE LOCATION LAT: 36.65867°N LONG: 107.49446°W DATUM: NAD83 LAT: 36°39.5196'N LONG: 107°29.6312'W DATUM: NAD27	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. <i>Crystal Tafoya</i> 11/24/09 Signature Date Crystal Tafoya 11/24/09 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. Survey Date: SEPTEMBER 8, 2008 Signature and Seal of Professional Surveyor JASON C. EDWARDS Certificate Number 15269
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HOLD C104 FOR

Legal WellName : SAN JUAN 28-6 UNIT #144N	API / UWI: 3003930714
Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP	Surf Loc: 017-028N-006W-K
St/Prov: NEW MEXICO	N/S Dist (ft): 1,685.00 - FSL
County: RIO ARRIBA	E/W Dist (ft): 1,460.00 - FWL

Wellbore Name : Original Hole

Description	Date	MD Tie In (ft)	Inclination Tie In (°)	Azimuth Tie In (°)
DEVIATION SURVEYS	07/02/2009	.00	.00	.00

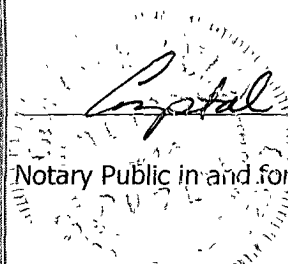
Date	MD (ft)	Incl (°)	Azm (°)	Method	Survey Company
07/02/2009	130.00	1.00	.00	A1SureShot	Mo-Te Drilling Inc.
07/02/2009	229.00	.75	.00	A1SureShot	Mo-Te Drilling Inc.
07/08/2009	238.00	.29	300.83	MWD	Scientific Drilling
07/08/2009	267.00	.61	279.83	MWD	Scientific Drilling
07/08/2009	297.00	1.25	282.12	MWD	Scientific Drilling
07/08/2009	328.00	2.28	286.27	MWD	Scientific Drilling
07/08/2009	359.00	3.48	283.59	MWD	Scientific Drilling
07/08/2009	390.00	4.70	286.58	MWD	Scientific Drilling
07/08/2009	420.00	5.85	291.61	MWD	Scientific Drilling
07/08/2009	450.00	6.83	294.36	MWD	Scientific Drilling
07/08/2009	481.00	7.64	291.99	MWD	Scientific Drilling
07/08/2009	512.00	8.21	291.79	MWD	Scientific Drilling
07/08/2009	542.00	8.92	289.35	MWD	Scientific Drilling
07/08/2009	573.00	9.87	285.34	MWD	Scientific Drilling
07/08/2009	604.00	10.63	281.90	MWD	Scientific Drilling
07/08/2009	634.00	11.34	277.49	MWD	Scientific Drilling
07/08/2009	665.00	12.25	274.75	MWD	Scientific Drilling
07/08/2009	696.00	13.02	273.66	MWD	Scientific Drilling
07/08/2009	727.00	14.06	272.89	MWD	Scientific Drilling
07/08/2009	757.00	15.22	272.93	MWD	Scientific Drilling
07/08/2009	788.00	15.93	273.66	MWD	Scientific Drilling
07/08/2009	817.00	16.34	274.75	MWD	Scientific Drilling
07/09/2009	866.00	17.47	274.62	MWD	Scientific Drilling
07/09/2009	911.00	18.05	274.93	MWD	Scientific Drilling
07/09/2009	956.00	19.25	275.91	MWD	Scientific Drilling
07/09/2009	1,001.00	19.94	277.87	MWD	Scientific Drilling
07/09/2009	1,046.00	20.52	278.37	MWD	Scientific Drilling
07/09/2009	1,091.00	21.64	278.83	MWD	Scientific Drilling
07/09/2009	1,136.00	21.98	279.81	MWD	Scientific Drilling
07/09/2009	1,181.00	21.76	280.99	MWD	Scientific Drilling
07/09/2009	1,226.00	21.83	280.90	MWD	Scientific Drilling
07/09/2009	1,271.00	22.10	280.33	MWD	Scientific Drilling
07/09/2009	1,316.00	22.02	279.93	MWD	Scientific Drilling

07/09/2009	1,406.00	21.75	284.87	MWD	Scientific Drilling
07/09/2009	1,496.00	21.68	287.79	MWD	Scientific Drilling
07/09/2009	1,586.00	21.17	284.57	MWD	Scientific Drilling
07/09/2009	1,676.00	20.97	284.69	MWD	Scientific Drilling
07/09/2009	1,766.00	20.92	282.90	MWD	Scientific Drilling
07/09/2009	1,856.00	20.68	283.50	MWD	Scientific Drilling
07/09/2009	1,946.00	21.57	282.58	MWD	Scientific Drilling
07/09/2009	2,036.00	22.30	282.97	MWD	Scientific Drilling
07/09/2009	2,126.00	23.72	283.74	MWD	Scientific Drilling
07/09/2009	2,216.00	23.54	283.78	MWD	Scientific Drilling
07/09/2009	2,306.00	23.03	283.77	MWD	Scientific Drilling
07/09/2009	2,396.00	22.29	284.00	MWD	Scientific Drilling
07/09/2009	2,486.00	23.05	283.20	MWD	Scientific Drilling
07/09/2009	2,576.00	24.39	283.26	MWD	Scientific Drilling
07/09/2009	2,666.00	24.50	283.10	MWD	Scientific Drilling
07/09/2009	2,756.00	24.64	282.25	MWD	Scientific Drilling
07/10/2009	2,846.00	25.12	281.93	MWD	Scientific Drilling
07/10/2009	2,935.00	24.66	281.80	MWD	Scientific Drilling
07/10/2009	3,025.00	24.29	281.47	MWD	Scientific Drilling
07/10/2009	3,115.00	24.00	281.77	MWD	Scientific Drilling
07/10/2009	3,160.00	23.84	281.70	MWD	Scientific Drilling
07/10/2009	3,205.00	23.19	281.38	MWD	Scientific Drilling
07/10/2009	3,250.00	22.66	281.21	MWD	Scientific Drilling
07/10/2009	3,295.00	21.64	280.74	MWD	Scientific Drilling
07/10/2009	3,340.00	19.61	280.96	MWD	Scientific Drilling
07/10/2009	3,385.00	17.61	280.84	MWD	Scientific Drilling
07/10/2009	3,430.00	15.75	283.02	MWD	Scientific Drilling
07/10/2009	3,475.00	13.33	284.18	MWD	Scientific Drilling
07/10/2009	3,520.00	11.22	282.42	MWD	Scientific Drilling
07/10/2009	3,565.00	9.73	281.36	MWD	Scientific Drilling
07/10/2009	3,610.00	8.72	281.89	MWD	Scientific Drilling
07/10/2009	3,655.00	7.56	284.58	MWD	Scientific Drilling
07/10/2009	3,700.00	6.93	284.18	MWD	Scientific Drilling
07/10/2009	3,745.00	6.25	282.60	MWD	Scientific Drilling
07/10/2009	3,790.00	5.37	282.81	MWD	Scientific Drilling
07/10/2009	3,835.00	4.15	282.81	MWD	Scientific Drilling
07/11/2009	3,880.00	2.27	285.71	MWD	Scientific Drilling
07/11/2009	3,925.00	.66	248.99	MWD	Scientific Drilling
07/11/2009	3,970.00	.55	223.16	MWD	Scientific Drilling
07/11/2009	3,985.00	.54	216.86	MWD	Scientific Drilling
07/11/2009	4,039.00	.50	194.18	Extrap.	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.

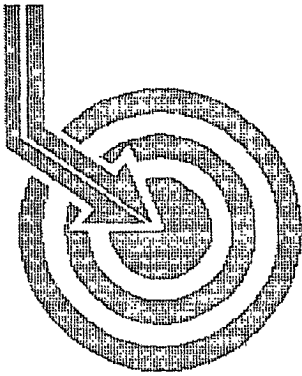
Al G. W.

Subscribed and sworn to me this November 20, 2009

 Crystal L. Tafaya

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010



Scientific Drilling

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-6 #144N
Wellpath: DH - Job #33D0709124
Survey: 07/07/09-07/11/09

AP# # 30.039.30714

RCVD DEC 3 '09
OIL CONS. DIV.

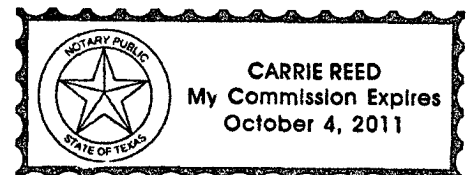
DIST. 3

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

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

Notorized this date 22nd of July, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 07/21/2009	Time: 11:50:03	Page: 1
Field: San Juan	Co-ordinate(NE) Reference: Site: Rio Arriba County, NM; True North		
Site: Rio Arriba County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 28-6 #144N	Section (VS) Reference: Well (0.00N,0.00E,282.92Azi)		
Wellpath: DH - Job #33D0709124	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 07/07/09-07/11/09	Start Date: 07/07/2009
Company: Scientific Drilling Internatio	Engineer: Burrus/Webb/Wagner/Ramirez/Rat
Tool: E-field;E-field	Tied-to: From Surface

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
238.00	0.29	300.83	238.00	0.57	0.31	-0.52	0.12	0.60	300.83
267.00	0.61	279.83	267.00	0.80	0.37	-0.73	1.22	0.82	296.97
297.00	1.25	282.12	296.99	1.28	0.47	-1.21	2.14	1.30	291.18
328.00	2.28	286.27	327.98	2.24	0.71	-2.13	3.35	2.25	288.47
359.00	3.48	283.59	358.94	3.79	1.11	-3.64	3.89	3.80	286.91
390.00	4.70	286.58	389.86	6.00	1.69	-5.77	3.99	6.01	286.32
420.00	5.85	291.61	419.73	8.74	2.60	-8.37	4.13	8.77	287.28
450.00	6.83	294.36	449.55	12.00	3.90	-11.42	3.42	12.07	288.87
481.00	7.64	291.99	480.30	15.84	5.43	-15.01	2.78	15.96	289.91
512.00	8.21	291.79	511.01	20.06	7.03	-18.97	1.84	20.23	290.33
542.00	8.92	289.35	540.67	24.49	8.59	-23.16	2.66	24.70	290.36
573.00	9.87	285.34	571.25	29.53	10.09	-27.99	3.72	29.75	289.83
604.00	10.63	281.90	601.76	35.05	11.39	-33.35	3.15	35.24	288.85
634.00	11.34	277.49	631.21	40.75	12.34	-38.98	3.67	40.89	287.57
665.00	12.25	274.75	661.56	47.04	13.01	-45.28	3.45	47.11	286.03
696.00	13.02	273.66	691.81	53.74	13.51	-52.04	2.60	53.76	284.55
727.00	14.06	272.89	721.94	60.90	13.92	-59.29	3.40	60.90	283.21
757.00	15.22	272.93	750.97	68.36	14.30	-66.86	3.87	68.37	282.08
788.00	15.93	273.66	780.83	76.57	14.78	-75.17	2.38	76.61	281.13
817.00	16.34	274.75	808.69	84.54	15.37	-83.20	1.76	84.61	280.47
866.00	17.47	274.62	855.57	98.64	16.54	-97.41	2.31	98.80	279.64
911.00	18.05	274.93	898.43	112.23	17.68	-111.08	1.31	112.48	279.04
956.00	19.25	275.91	941.06	126.49	19.04	-125.41	2.76	126.85	278.63
1001.00	19.94	277.87	983.46	141.50	20.86	-140.39	2.12	141.93	278.45
1046.00	20.52	278.37	1025.68	157.00	23.06	-155.79	1.34	157.49	278.42
1091.00	21.64	278.83	1067.67	173.14	25.48	-171.80	2.52	173.68	278.44
1136.00	21.98	279.81	1109.45	189.83	28.19	-188.29	1.11	190.39	278.51
1181.00	21.76	280.99	1151.21	206.57	31.21	-204.78	1.09	207.14	278.67
1226.00	21.83	280.90	1192.99	223.27	34.38	-221.18	0.17	223.84	278.84
1271.00	22.10	280.33	1234.72	240.09	37.48	-237.73	0.76	240.66	278.96
1316.00	22.02	279.93	1276.43	256.97	40.46	-254.36	0.38	257.56	279.04
1361.00	21.86	280.74	1318.17	273.77	43.47	-270.91	0.76	274.37	279.12
1406.00	21.75	284.87	1359.95	290.47	47.17	-287.20	3.42	291.04	279.33
1496.00	21.68	287.79	1443.57	323.70	56.53	-319.14	1.20	324.11	280.05
1586.00	21.17	284.57	1527.35	356.51	65.70	-350.70	1.42	356.80	280.61
1676.00	20.97	284.69	1611.34	388.85	73.87	-382.01	0.23	389.09	280.94
1766.00	20.92	282.90	1695.39	421.02	81.54	-413.25	0.71	421.22	281.16
1856.00	20.68	283.50	1779.52	452.98	88.84	-444.36	0.36	453.16	281.31
1946.00	21.57	282.58	1863.48	485.41	96.15	-475.96	1.06	485.58	281.42
2036.00	22.30	282.97	1946.96	519.03	103.59	-508.75	0.83	519.19	281.51
2126.00	23.72	283.74	2029.80	554.21	111.72	-542.98	1.61	554.35	281.63
2216.00	23.54	283.78	2112.25	590.28	120.30	-578.02	0.20	590.40	281.76
2306.00	23.03	283.77	2194.92	625.85	128.77	-612.57	0.57	625.96	281.87
2396.00	22.29	284.00	2277.97	660.52	137.09	-646.23	0.83	660.61	281.98
2486.00	23.05	283.20	2361.02	695.21	145.25	-679.95	0.91	695.29	282.06
2576.00	24.39	283.26	2443.41	731.41	153.53	-715.19	1.49	731.48	282.12
2666.00	24.50	283.10	2525.35	768.65	162.02	-751.45	0.14	768.72	282.17
2756.00	24.64	282.25	2607.20	806.07	170.23	-787.96	0.42	806.14	282.19



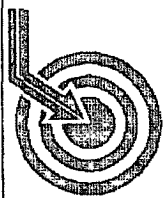
Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-6 #144N
Wellpath: DH - Job #33D0709124

Date: 07/21/2009 Time: 11:50:03 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,282.92Azi)
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
2846.00	25.12	281.93	2688.84	843.93	178.16	-824.98	0.55	844.00	282.19
2935.00	24.66	281.80	2769.58	881.39	185.87	-861.64	0.52	881.46	282.17
3025.00	24.29	281.47	2851.49	918.66	193.39	-898.16	0.44	918.75	282.15
3115.00	24.00	281.77	2933.62	955.47	200.80	-934.22	0.35	955.56	282.13
3160.00	23.84	281.70	2974.75	973.71	204.51	-952.09	0.36	973.80	282.12
3205.00	23.19	281.38	3016.01	991.66	208.11	-969.68	1.47	991.76	282.11
3250.00	22.66	281.21	3057.46	1009.18	211.54	-986.87	1.19	1009.28	282.10
3295.00	21.64	280.74	3099.14	1026.14	214.77	-1003.52	2.30	1026.25	282.08
3340.00	19.61	280.96	3141.25	1041.98	217.75	-1019.09	4.51	1042.09	282.06
3385.00	17.61	280.84	3183.90	1056.33	220.47	-1033.19	4.45	1056.45	282.05
3430.00	15.75	283.02	3227.00	1069.24	223.12	-1045.83	4.36	1069.36	282.04
3475.00	13.33	284.18	3270.56	1080.53	225.77	-1056.81	5.42	1080.66	282.06
3520.00	11.22	282.42	3314.53	1090.10	227.98	-1066.12	4.76	1090.22	282.07
3565.00	9.73	281.36	3358.77	1098.28	229.68	-1074.12	3.34	1098.40	282.07
3610.00	8.72	281.89	3403.19	1105.49	231.13	-1081.19	2.25	1105.61	282.07
3655.00	7.56	284.58	3447.74	1111.86	232.58	-1087.39	2.71	1111.98	282.07
3700.00	6.93	284.18	3492.38	1117.53	233.99	-1092.89	1.40	1117.65	282.08
3745.00	6.25	282.60	3537.08	1122.70	235.18	-1097.91	1.56	1122.82	282.09
3790.00	5.37	282.81	3581.85	1127.25	236.19	-1102.35	1.96	1127.37	282.09
3835.00	4.15	282.81	3626.69	1130.99	237.01	-1105.99	2.71	1131.10	282.10
3880.00	2.27	285.71	3671.62	1133.51	237.62	-1108.44	4.19	1133.62	282.10
3925.00	0.66	248.99	3716.61	1134.61	237.76	-1109.54	3.97	1134.73	282.10
3970.00	0.55	223.16	3761.60	1134.93	237.51	-1109.93	0.65	1135.06	282.08
3985.00	0.54	216.86	3776.60	1135.00	237.41	-1110.02	0.40	1135.12	282.07



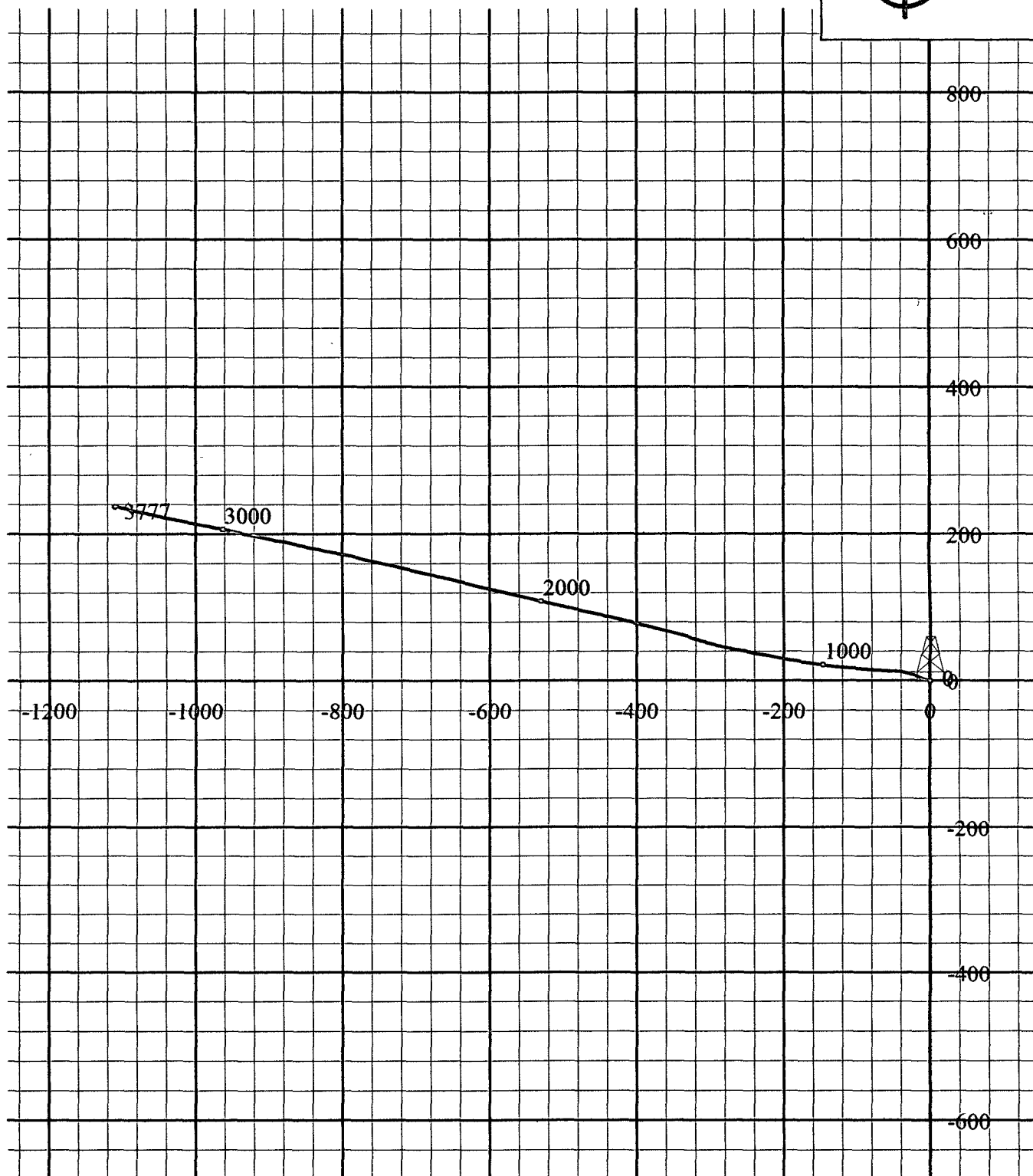
Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-6 #144N
Wellpath: DH - Job #33D0709124
Survey: 07/07/09-07/11/09



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 07/21/2009
Model: igrf2000



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

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