

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
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

"AS DRILLED PLAT"

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30630	² Pool Code 71599 / 72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31327	⁵ Property Name SAN JUAN 30-5 UNIT	⁶ Well Number 96N
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6873

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	28	30-N	5-W		2215	NORTH	130	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

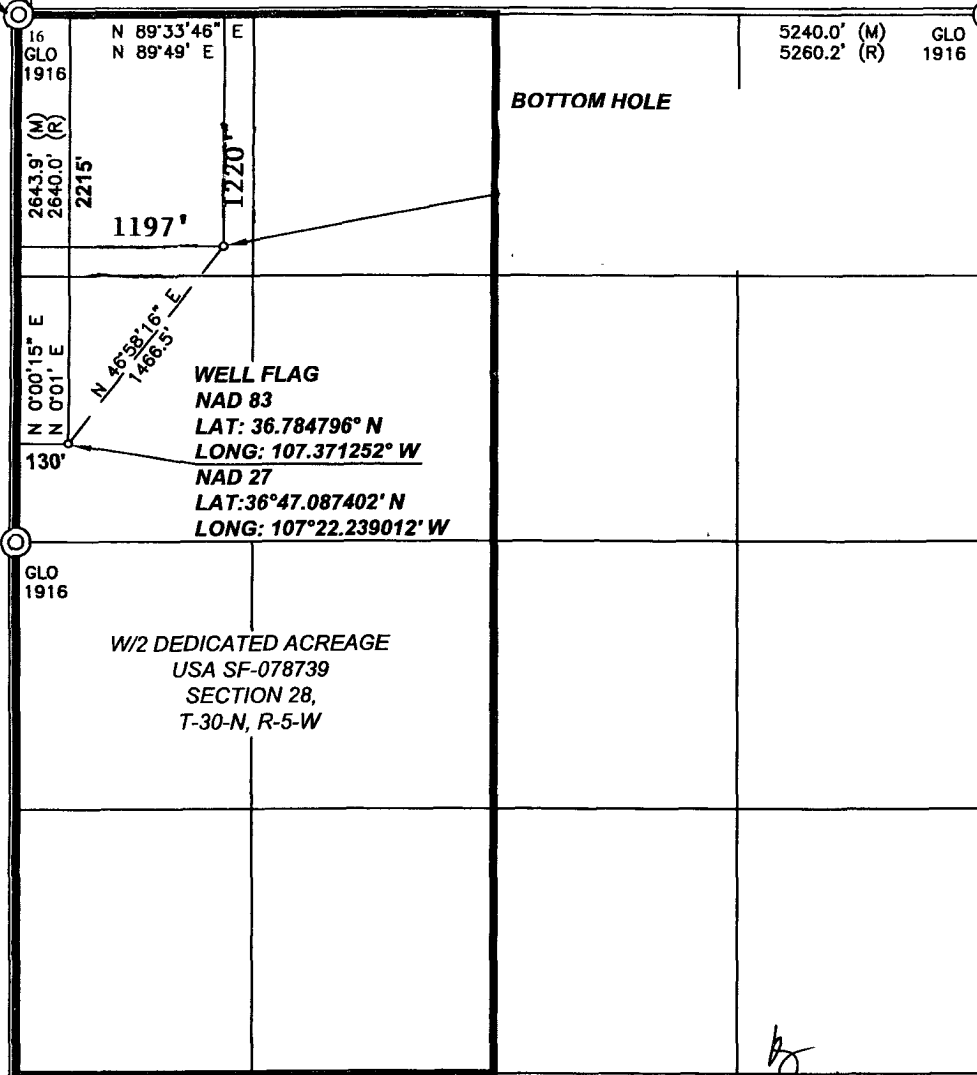
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	30-N	5-W		1220	NORTH	1197	WEST	RIO ARRIBA

¹² Dedicated Acres 320.00 (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

RCVD OCT 23 '09
OIL CONS. DIV.

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 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 10/15/09
Signature

Printed Name
Crystal Tafoya

Regulatory Technician

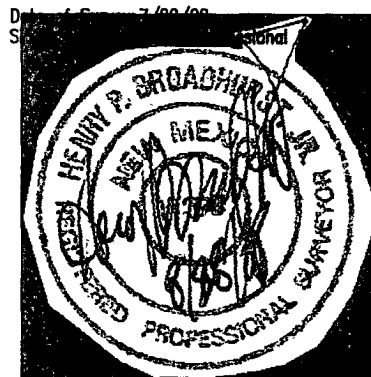
Title and E-mail Address

October 15th, 2009

Date

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.



10/23

PL



COP Deviation Report
SAN JUAN 30-5 UNIT #96N

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 30-5 UNIT #96N	API / UWI 3003930630	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 028-030N-005W-E	N/S Dist (ft) 2,215.00	N/S Ref FNL	E/W Dist (ft) 130.00	E/W Ref FWL

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
5/7/2009	123.00	1.00	A1SureShot	Mo-Te Drilling Inc.	
6/3/2009	221.00	0.18	MWD	Scientific Drilling	
5/7/2009	233.00	0.50	A1SureShot	Mo-Te Drilling Inc.	
6/3/2009	283.00	1.32	MWD	Scientific Drilling	
6/3/2009	313.00	2.01	MWD	Scientific Drilling	
6/3/2009	343.00	2.56	MWD	Scientific Drilling	
6/3/2009	375.00	3.49	MWD	Scientific Drilling	
6/3/2009	406.00	4.06	MWD	Scientific Drilling	
6/3/2009	436.00	4.92	MWD	Scientific Drilling	
6/3/2009	467.00	5.50	MWD	Scientific Drilling	
6/3/2009	528.00	7.65	MWD	Scientific Drilling	
6/3/2009	590.00	9.11	MWD	Scientific Drilling	
6/3/2009	651.00	10.29	MWD	Scientific Drilling	
6/3/2009	712.00	10.37	MWD	Scientific Drilling	
6/3/2009	774.00	11.18	MWD	Scientific Drilling	
6/3/2009	837.00	12.12	MWD	Scientific Drilling	
6/3/2009	900.00	13.44	MWD	Scientific Drilling	
6/3/2009	963.00	13.76	MWD	Scientific Drilling	
6/3/2009	1,026.00	14.33	MWD	Scientific Drilling	
6/3/2009	1,090.00	14.94	MWD	Scientific Drilling	
6/3/2009	1,153.00	15.60	MWD	Scientific Drilling	
6/3/2009	1,216.00	16.29	MWD	Scientific Drilling	
6/3/2009	1,279.00	17.68	MWD	Scientific Drilling	
6/3/2009	1,343.00	19.63	MWD	Scientific Drilling	
6/3/2009	1,406.00	21.69	MWD	Scientific Drilling	
6/3/2009	1,470.00	23.14	MWD	Scientific Drilling	
6/3/2009	1,533.00	23.37	MWD	Scientific Drilling	
6/3/2009	1,596.00	24.79	MWD	Scientific Drilling	
6/3/2009	1,659.00	25.06	MWD	Scientific Drilling	
6/3/2009	1,722.00	25.40	MWD	Scientific Drilling	
6/4/2009	1,785.00	25.62	MWD	Scientific Drilling	
6/4/2009	1,849.00	25.10	MWD	Scientific Drilling	
6/4/2009	1,912.00	24.80	MWD	Scientific Drilling	
6/4/2009	1,975.00	24.39	MWD	Scientific Drilling	
6/4/2009	2,038.00	23.88	MWD	Scientific Drilling	
6/4/2009	2,101.00	24.52	MWD	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.

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
6/4/2009	2,164.00	24.66	MWD	Scientific Drilling
6/4/2009	2,259.00	24.70	MWD	Scientific Drilling
6/4/2009	2,384.00	24.18	MWD	Scientific Drilling
6/4/2009	2,511.00	23.54	MWD	Scientific Drilling
6/4/2009	2,637.00	22.81	MWD	Scientific Drilling
6/4/2009	2,763.00	23.33	MWD	Scientific Drilling
6/4/2009	2,890.00	23.43	MWD	Scientific Drilling
6/4/2009	2,953.00	22.36	MWD	Scientific Drilling
6/4/2009	3,016.00	21.19	MWD	Scientific Drilling
6/5/2009	3,110.00	20.37	MWD	Scientific Drilling
6/5/2009	3,173.00	20.68	MWD	Scientific Drilling
6/5/2009	3,236.00	21.83	MWD	Scientific Drilling
6/5/2009	3,299.00	23.42	MWD	Scientific Drilling
6/5/2009	3,394.00	24.21	MWD	Scientific Drilling
6/6/2009	3,457.00	23.71	MWD	Scientific Drilling
6/6/2009	3,521.00	24.01	MWD	Scientific Drilling
6/6/2009	3,584.00	24.08	MWD	Scientific Drilling
6/6/2009	3,646.00	24.08	MWD	Scientific Drilling
6/6/2009	3,709.00	23.43	MWD	Scientific Drilling
6/6/2009	3,772.00	23.13	MWD	Scientific Drilling
6/6/2009	3,835.00	22.39	MWD	Scientific Drilling
6/6/2009	3,898.00	22.57	MWD	Scientific Drilling
6/7/2009	3,962.00	22.96	MWD	Scientific Drilling
6/7/2009	4,025.00	23.34	MWD	Scientific Drilling
6/7/2009	4,088.00	21.99	MWD	Scientific Drilling
6/7/2009	4,151.00	20.66	MWD	Scientific Drilling
6/7/2009	4,214.00	19.38	MWD	Scientific Drilling
6/7/2009	4,277.00	17.32	MWD	Scientific Drilling
6/7/2009	4,340.00	15.81	MWD	Scientific Drilling
6/7/2009	4,404.00	14.44	MWD	Scientific Drilling
6/7/2009	4,467.00	12.80	MWD	Scientific Drilling
6/7/2009	4,530.00	10.91	MWD	Scientific Drilling
6/7/2009	4,593.00	8.77	MWD	Scientific Drilling
6/7/2009	4,656.00	7.34	MWD	Scientific Drilling
6/7/2009	4,719.00	6.13	MWD	Scientific Drilling
6/7/2009	4,782.00	4.58	MWD	Scientific Drilling
6/8/2009	4,831.00	3.55	MWD	Scientific Drilling
6/8/2009	4,831.00	3.55	MWD	Scientific Drilling
6/18/2009	8,603.00	1.25	FINAL BHS	PHOENIX

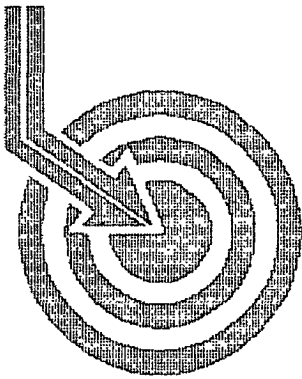
I, the undersigned, certify that I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and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

[Signature]

Subscribed and sworn to me this Oct 15, 2009

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

My Commission expires 10/12/2010



Scientific Drilling

CONOCOPHILLIPS

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-5 #96N
Wellpath: DH - Job #33D0609100
Survey: 06/02/09-06/08/09
API # 30.039.30630

RCVD OCT 23 '09

OIL CONS. DIV.

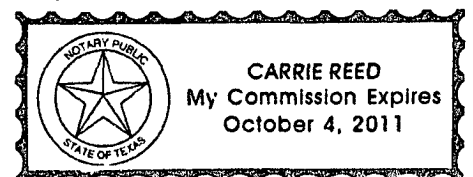
DIST. 3

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

.....L. Wharton..... Company Representative

Notorized this date 15th of June, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: CONOCOPHILLIPS	Date: 06/15/2009	Time: 10:57:59	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 30-5 #96N	Section (VS) Reference:	Well (0.00N,0.00E,47.25Azi)	
Wellpath: DH - Job #33D0609100	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 06/02/09-06/08/09	Start Date: 06/02/2009
E-field 0'-4831'	
Company: Scientific Drilling Internatio	Engineer: Rasmussen/Lockard/Carroll
Tool: E-field;E-field MWD	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
221.00	0.18	205.08	221.00	-0.32	-0.31	-0.15	0.08	0.35	205.08
283.00	1.32	91.35	282.99	0.10	-0.42	0.53	2.26	0.67	128.60
313.00	2.01	79.75	312.98	0.79	-0.33	1.39	2.55	1.43	103.52
343.00	2.56	75.62	342.96	1.83	-0.07	2.56	1.91	2.56	91.66
375.00	3.49	63.93	374.91	3.39	0.53	4.12	3.47	4.16	82.65
406.00	4.06	55.73	405.85	5.38	1.56	5.88	2.53	6.08	75.10
436.00	4.92	54.03	435.75	7.71	2.92	7.80	2.90	8.32	69.48
467.00	5.50	50.77	466.63	10.51	4.64	10.02	2.10	11.04	65.17
528.00	7.65	49.49	527.22	17.48	9.13	15.37	3.53	17.88	59.31
590.00	9.11	48.03	588.56	26.52	15.09	22.16	2.38	26.81	55.75
651.00	10.29	43.99	648.68	36.78	22.24	29.54	2.23	36.97	53.02
712.00	10.37	46.03	708.70	47.71	29.97	37.27	0.61	47.83	51.20
774.00	11.18	45.34	769.60	59.30	38.07	45.56	1.32	59.37	50.12
837.00	12.12	45.44	831.30	72.01	47.00	54.62	1.49	72.06	49.29
900.00	13.44	43.84	892.74	85.93	56.92	64.40	2.17	85.95	48.53
963.00	13.76	42.61	953.98	100.71	67.72	74.55	0.68	100.71	47.75
1026.00	14.33	41.33	1015.09	115.93	79.09	84.77	1.03	115.93	46.99
1090.00	14.94	43.40	1077.02	132.04	91.03	95.67	1.26	132.06	46.42
1153.00	15.60	47.46	1137.79	148.62	102.66	107.49	1.99	148.64	46.32
1216.00	16.29	48.82	1198.37	165.92	114.20	120.38	1.25	165.93	46.51
1279.00	17.68	48.78	1258.62	184.32	126.33	134.23	2.21	184.32	46.74
1343.00	19.63	49.66	1319.25	204.77	139.69	149.73	3.08	204.78	46.99
1406.00	21.69	47.99	1378.20	226.99	154.33	166.45	3.40	226.99	47.16
1470.00	23.14	48.67	1437.36	251.39	170.55	184.68	2.30	251.39	47.28
1533.00	23.37	48.75	1495.24	276.26	186.97	203.37	0.37	276.26	47.41
1596.00	24.79	50.36	1552.76	301.94	203.63	222.94	2.48	301.94	47.59
1659.00	25.06	49.23	1609.89	328.46	220.77	243.22	0.87	328.47	47.77
1722.00	25.40	47.91	1666.88	355.30	238.54	263.35	1.04	355.32	47.83
1785.00	25.62	43.70	1723.75	382.41	257.45	282.79	2.90	382.42	47.69
1849.00	25.10	42.74	1781.58	409.75	277.42	301.56	1.04	409.76	47.39
1912.00	24.80	41.55	1838.70	436.22	297.12	319.39	0.93	436.22	47.07
1975.00	24.39	44.47	1895.99	462.36	316.29	337.27	2.04	462.38	46.84
2038.00	23.88	47.72	1953.48	488.11	334.16	355.82	2.26	488.12	46.80
2101.00	24.52	48.94	2010.95	513.93	351.32	375.11	1.29	513.94	46.88
2164.00	24.66	48.93	2068.23	540.13	368.54	394.87	0.22	540.14	46.98
2259.00	24.70	49.21	2154.55	579.78	394.53	424.84	0.13	579.78	47.12
2384.00	24.18	48.50	2268.35	631.48	428.56	463.79	0.48	631.48	47.26
2511.00	23.54	47.56	2384.50	682.84	462.91	501.99	0.59	682.84	47.32
2637.00	22.81	46.69	2500.33	732.43	496.64	538.33	0.64	732.43	47.31
2763.00	23.33	48.86	2616.26	781.79	529.81	574.89	0.79	781.79	47.34
2890.00	23.43	48.54	2732.83	832.17	563.07	612.75	0.13	832.17	47.42
2953.00	22.36	47.99	2790.87	856.67	579.38	631.04	1.73	856.68	47.44
3016.00	21.19	49.84	2849.37	880.03	594.75	648.65	2.15	880.04	47.48
3110.00	20.37	47.99	2937.26	913.36	616.65	673.79	1.12	913.37	47.54
3173.00	20.68	49.13	2996.26	935.45	631.27	690.35	0.80	935.46	47.56
3236.00	21.83	48.34	3054.97	958.28	646.34	707.51	1.88	958.29	47.59
3299.00	23.42	48.19	3113.12	982.51	662.47	725.60	2.53	982.53	47.60
3394.00	24.21	47.32	3200.03	1020.86	688.26	753.99	0.91	1020.88	47.61



Scientific Drilling International Survey Report

Company: CONOCORHILLIPS Date: 06/15/2009 Time: 10:57:59 Page: 2
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 30-5 #96N Section (VS) Reference: Well (0.00N;0.00E,47.25Azi)
Wellpath: DH - Job #33D0609100 Survey Calculation Method: Minimum Curvature Db: Sybase

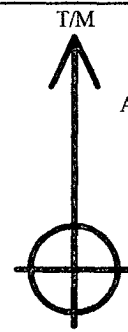
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3457.00	23.71	46.77	3257.60	1046.45	705.69	772.71	0.87	1046.47	47.60
3521.00	24.01	46.01	3316.13	1072.33	723.55	791.46	0.67	1072.35	47.57
3584.00	24.08	45.54	3373.67	1097.99	741.45	809.85	0.32	1098.01	47.52
3646.00	24.08	45.37	3430.27	1123.28	759.20	827.88	0.11	1123.29	47.48
3709.00	23.43	44.86	3487.93	1148.64	777.11	845.86	1.08	1148.64	47.43
3772.00	23.13	44.48	3545.80	1173.51	794.81	863.37	0.53	1173.51	47.37
3835.00	22.39	42.95	3603.90	1197.84	812.43	880.21	1.50	1197.84	47.29
3898.00	22.57	43.46	3662.11	1221.86	829.98	896.71	0.42	1221.87	47.21
3962.00	22.96	43.96	3721.12	1246.58	847.88	913.82	0.68	1246.58	47.14
4025.00	23.34	43.54	3779.05	1271.30	865.78	930.95	0.66	1271.31	47.08
4088.00	21.99	44.47	3837.19	1295.54	883.24	947.81	2.22	1295.55	47.02
4151.00	20.66	45.00	3895.87	1318.43	899.52	963.93	2.13	1318.44	46.98
4214.00	19.38	45.03	3955.06	1339.98	914.76	979.18	2.03	1340.00	46.95
4277.00	17.32	47.34	4014.86	1359.80	928.51	993.48	3.47	1359.82	46.94
4340.00	15.81	48.40	4075.24	1377.76	940.56	1006.79	2.44	1377.78	46.95
4404.00	14.44	47.29	4137.02	1394.46	951.76	1019.17	2.19	1394.48	46.96
4467.00	12.80	49.60	4198.25	1409.29	961.61	1030.26	2.74	1409.31	46.97
4530.00	10.91	47.44	4259.90	1422.22	970.17	1039.97	3.08	1422.24	46.99
4593.00	8.77	47.64	4321.97	1432.99	977.44	1047.91	3.40	1433.01	46.99
4656.00	7.34	47.88	4384.35	1441.82	983.38	1054.44	2.27	1441.83	47.00
4719.00	6.13	46.93	4446.91	1449.21	988.37	1059.89	1.93	1449.22	47.00
4782.00	4.58	45.95	4509.64	1455.08	992.42	1064.15	2.46	1455.10	47.00
4831.00	3.55	40.69	4558.51	1458.55	994.93	1066.55	2.23	1458.56	46.99



**Scientific
Drilling**

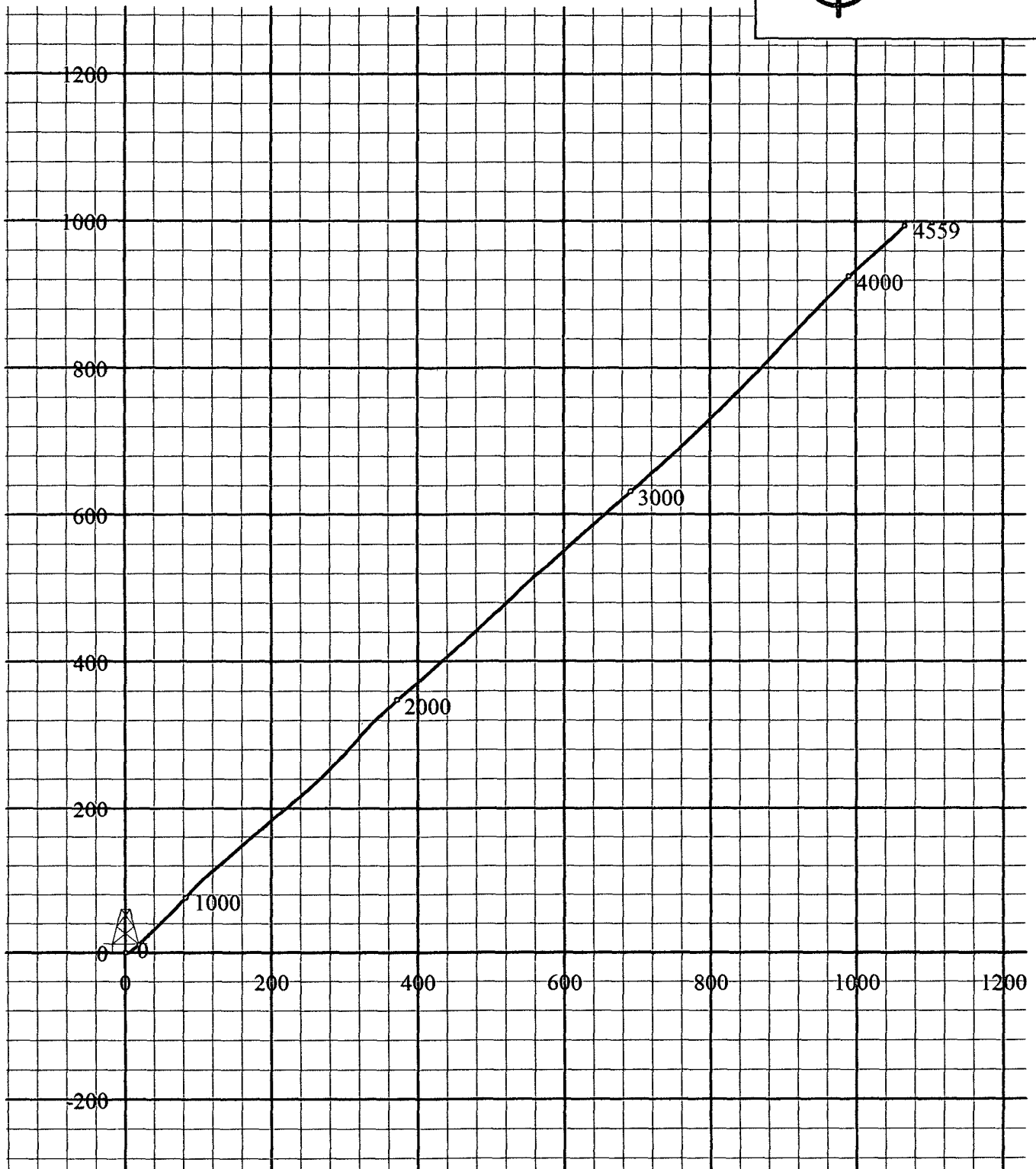
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-5 #96N
Wellpath: DH - Job #33D0609100
Survey: 06/02/09-06/08/09



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/15/2009
Model: igrf2000

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



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