

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 30-039-30695	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 96M
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6874

¹⁰ SURFACE LOCATION

UL or lot no. E	Section 28	Township 30-N	Range 5-W	Lot Idn	Feet from the 2235	North/South line NORTH	Feet from the 175	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

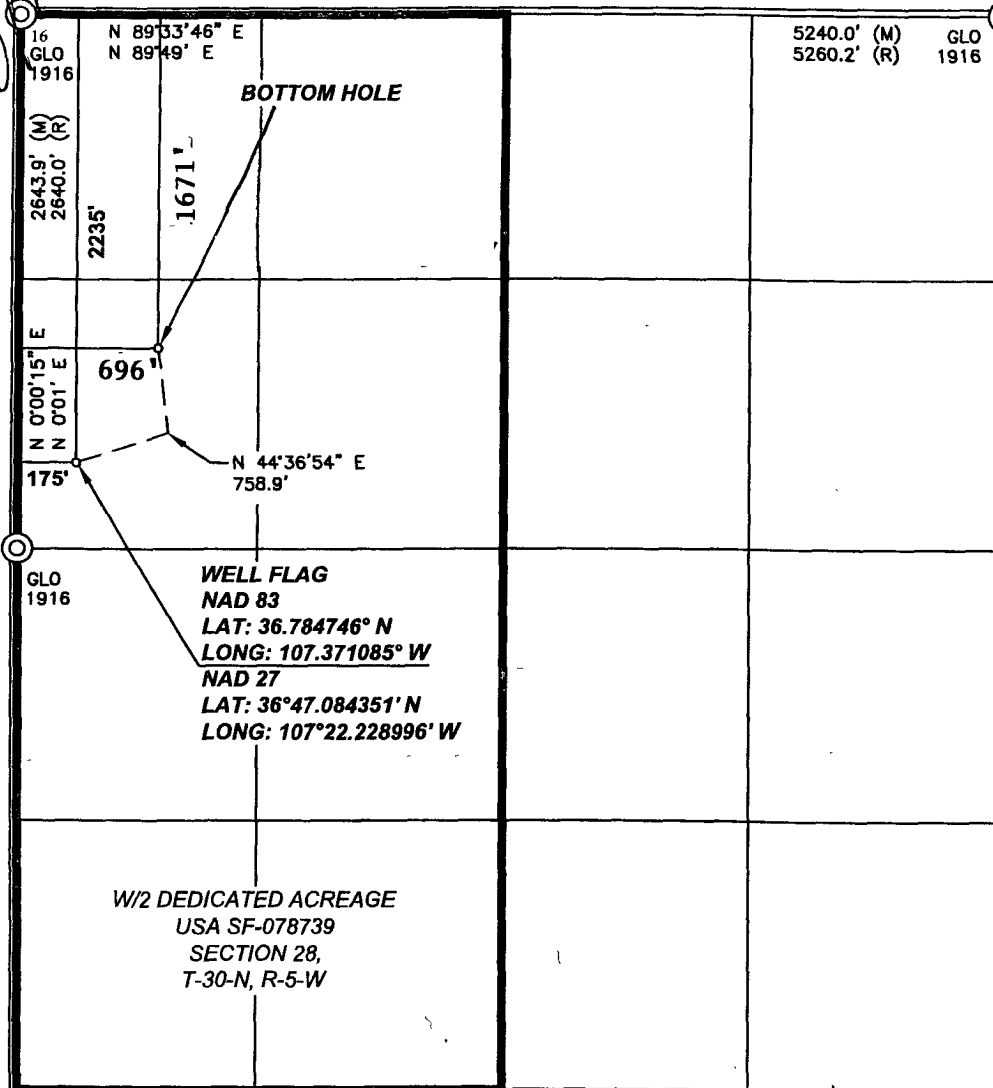
UL or lot no. E	Section 28	Township 30-N	Range 5-W	Lot Idn	Feet from the 1671	North/South line NORTH	Feet from the 696	East/West line WEST	County RIO ARRIBA
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¹² Dedicated Acres 320.0 (W/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

RCVD OCT 19 '09
OIL CONS. DIV.

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 10/2/09
Signature

Crystal Tafoya
Printed Name

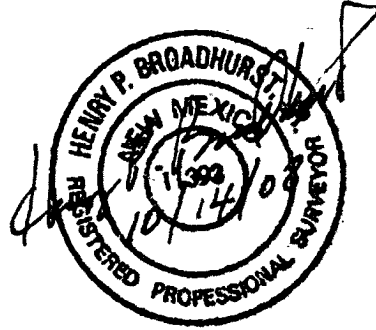
Regulatory Technician
Title and E-mail Address

October 2, 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.

Date of Survey: 7/22/08
Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393

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

Operator CONOCOPHILLIPS COMPANY	Legal WellName SAN JUAN 30-5 UNIT #96M	API / UWI 3003930695	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 028-030N-005W-E	N/S Dist (ft) 2,235.00	N/S Ref FNL	E/W Dist (ft) 175.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/6/2009	123.00	0.50	A1SureShot	Mo-Te Drilling Inc.
5/6/2009	231.00	0.50	A1SureShot	Mo-Te Drilling Inc.
5/21/2009	280.00	0.59	MWD	Scientific Drilling
5/21/2009	342.00	0.47	MWD	Scientific Drilling
5/21/2009	403.00	0.33	MWD	Scientific Drilling
5/21/2009	464.00	0.29	MWD	Scientific Drilling
5/21/2009	526.00	0.58	MWD	Scientific Drilling
5/21/2009	587.00	0.61	MWD	Scientific Drilling
5/21/2009	648.00	0.44	MWD	Scientific Drilling
5/21/2009	711.00	0.40	MWD	Scientific Drilling
5/21/2009	773.00	0.38	MWD	Scientific Drilling
5/21/2009	836.00	0.46	MWD	Scientific Drilling
5/21/2009	899.00	0.54	MWD	Scientific Drilling
5/21/2009	962.00	0.55	MWD	Scientific Drilling
5/21/2009	1,025.00	0.50	MWD	Scientific Drilling
5/21/2009	1,089.00	0.94	MWD	Scientific Drilling
5/21/2009	1,152.00	1.55	MWD	Scientific Drilling
5/22/2009	1,215.00	2.69	MWD	Scientific Drilling
5/22/2009	1,278.00	3.57	MWD	Scientific Drilling
5/22/2009	1,342.00	4.25	MWD	Scientific Drilling
5/22/2009	1,405.00	5.17	MWD	Scientific Drilling
5/22/2009	1,469.00	6.43	MWD	Scientific Drilling
5/22/2009	1,532.00	7.02	MWD	Scientific Drilling
5/22/2009	1,595.00	7.83	MWD	Scientific Drilling
5/22/2009	1,658.00	9.06	MWD	Scientific Drilling
5/22/2009	1,721.00	9.90	MWD	Scientific Drilling
5/22/2009	1,785.00	11.01	MWD	Scientific Drilling
5/22/2009	1,849.00	11.81	MWD	Scientific Drilling
5/22/2009	1,912.00	12.83	MWD	Scientific Drilling
5/22/2009	1,975.00	13.81	MWD	Scientific Drilling
5/22/2009	2,039.00	15.07	MWD	Scientific Drilling
5/22/2009	2,102.00	16.34	MWD	Scientific Drilling
5/22/2009	2,165.00	17.35	MWD	Scientific Drilling
5/22/2009	2,228.00	18.48	MWD	Scientific Drilling
5/23/2009	2,291.00	19.27	MWD	Scientific Drilling
5/23/2009	2,354.00	20.28	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.

Alfred G. [Signature]

Subscribed and sworn to me this Sept 30, 2009

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

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

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/23/2009	2,417.00	21.16	MWD	Scientific Drilling
5/23/2009	2,480.00	21.75	MWD	Scientific Drilling
5/23/2009	2,544.00	22.63	MWD	Scientific Drilling
5/23/2009	2,607.00	22.66	MWD	Scientific Drilling
5/23/2009	2,670.00	22.45	MWD	Scientific Drilling
5/23/2009	2,733.00	22.85	MWD	Scientific Drilling
5/23/2009	2,796.00	22.30	MWD	Scientific Drilling
5/23/2009	2,860.00	21.60	MWD	Scientific Drilling
5/23/2009	2,923.00	21.25	MWD	Scientific Drilling
5/23/2009	2,986.00	20.49	MWD	Scientific Drilling
5/23/2009	3,049.00	20.53	MWD	Scientific Drilling
5/23/2009	3,174.00	20.92	MWD	Scientific Drilling
5/23/2009	3,238.00	20.77	MWD	Scientific Drilling
5/23/2009	3,300.00	20.84	MWD	Scientific Drilling
5/23/2009	3,362.00	20.09	MWD	Scientific Drilling
5/23/2009	3,426.00	18.56	MWD	Scientific Drilling
5/23/2009	3,488.00	17.60	MWD	Scientific Drilling
5/24/2009	3,551.00	15.82	MWD	Scientific Drilling
5/24/2009	3,616.00	14.97	MWD	Scientific Drilling
5/24/2009	3,678.00	13.86	MWD	Scientific Drilling
5/24/2009	3,741.00	13.40	MWD	Scientific Drilling
5/24/2009	3,804.00	11.88	MWD	Scientific Drilling
5/24/2009	3,867.00	11.02	MWD	Scientific Drilling
5/24/2009	3,931.00	9.30	MWD	Scientific Drilling
5/24/2009	3,994.00	7.76	MWD	Scientific Drilling
5/24/2009	4,057.00	6.62	MWD	Scientific Drilling
5/24/2009	4,119.00	5.39	MWD	Scientific Drilling
5/24/2009	4,150.00	5.19	MWD	Scientific Drilling
5/24/2009	4,182.00	4.50	MWD	Scientific Drilling
6/1/2009	8,387.00	1.00	FINAL BHS	PHOENIX

RCVD OCT 19 '09

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.

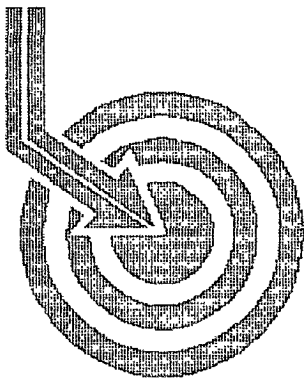
[Signature]

Subscribed and sworn to me this Sept 30, 2009

[Signature]

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 #96M
Wellpath: DH - Job #33D0509093
Survey: 05/20/09-05/25/09

API # 30.039.3069S

RCVD OCT 19 '09
OIL CONS. DIV.

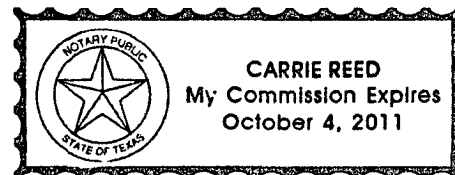
DIST. 3

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

.....L. W. Banta..... Company Representative

Notorized this date 1st of June, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 05/29/2009	Time: 17:10:39	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 #96M	Section (VS) Reference: Well (0.00N,0.00E,44.89Azi)		
Wellpath: DH - Job #33D0509093	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 05/20/09-05/25/09	Start Date: 05/20/2009
E-field 0'-4182'	
Company: Scientific Drilling Internatio	Engineer: Richey/Kasbaum/Orozco/Drake
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
280.00	0.59	69.09	280.00	1.31	0.51	1.35	0.21	1.44	69.09
342.00	0.47	103.52	341.99	1.74	0.57	1.89	0.54	1.98	73.26
403.00	0.33	126.38	402.99	1.89	0.41	2.28	0.34	2.31	79.88
464.00	0.29	84.67	463.99	2.04	0.32	2.57	0.37	2.59	82.99
526.00	0.58	115.29	525.99	2.27	0.20	3.01	0.58	3.02	86.26
587.00	0.61	104.64	586.99	2.53	-0.02	3.61	0.19	3.61	90.27
648.00	0.44	122.14	647.98	2.75	-0.22	4.12	0.38	4.12	93.11
711.00	0.40	121.00	710.98	2.85	-0.47	4.51	0.06	4.54	95.89
773.00	0.38	134.28	772.98	2.91	-0.72	4.84	0.15	4.90	98.46
836.00	0.46	84.67	835.98	3.10	-0.84	5.25	0.57	5.31	99.13
899.00	0.54	61.30	898.98	3.58	-0.68	5.76	0.34	5.80	96.71
962.00	0.55	48.34	961.97	4.17	-0.33	6.24	0.20	6.25	93.06
1025.00	0.50	74.16	1024.97	4.71	-0.06	6.73	0.38	6.73	90.49
1089.00	0.94	59.42	1088.97	5.46	0.29	7.45	0.74	7.46	87.80
1152.00	1.55	51.83	1151.95	6.81	1.08	8.57	1.00	8.64	82.85
1215.00	2.69	57.36	1214.91	9.10	2.40	10.48	1.84	10.76	77.11
1278.00	3.57	58.59	1277.81	12.45	4.22	13.40	1.40	14.05	72.53
1342.00	4.25	49.99	1341.66	16.75	6.78	16.92	1.40	18.23	68.16
1405.00	5.17	44.25	1404.45	21.91	10.32	20.69	1.64	23.12	63.50
1469.00	6.43	46.97	1468.12	28.37	14.83	25.32	2.01	29.34	59.65
1532.00	7.02	47.72	1530.69	35.75	19.82	30.75	0.95	36.58	57.19
1595.00	7.83	45.23	1593.16	43.88	25.44	36.64	1.38	44.61	55.23
1658.00	9.06	39.57	1655.48	53.11	32.28	42.85	2.35	53.65	53.01
1721.00	9.90	37.47	1717.61	63.42	40.41	49.30	1.44	63.75	50.67
1785.00	11.01	38.64	1780.55	74.95	49.55	56.47	1.77	75.12	48.74
1849.00	11.81	40.17	1843.29	87.56	59.32	64.51	1.34	87.64	47.40
1912.00	12.83	42.51	1904.83	100.97	69.41	73.39	1.80	101.02	46.60
1975.00	13.81	44.03	1966.14	115.48	79.97	83.35	1.65	115.51	46.18
2039.00	15.07	44.47	2028.12	131.44	91.40	94.49	1.98	131.46	45.95
2102.00	16.34	45.36	2088.76	148.49	103.47	106.53	2.05	148.51	45.83
2165.00	17.35	47.12	2149.06	166.74	116.09	119.72	1.80	166.76	45.88
2228.00	18.48	48.20	2209.00	186.09	129.14	134.05	1.87	186.13	46.07
2291.00	19.27	48.05	2268.62	206.44	142.74	149.22	1.26	206.50	46.27
2354.00	20.28	47.09	2327.90	227.73	157.13	164.95	1.68	227.81	46.39
2417.00	21.16	46.53	2386.82	250.01	172.38	181.20	1.43	250.10	46.43
2480.00	21.75	45.36	2445.46	273.05	188.41	197.76	1.16	273.14	46.39
2544.00	22.63	42.63	2504.72	297.21	205.80	214.53	2.12	297.28	46.19
2607.00	22.66	41.28	2562.86	321.43	223.84	230.75	0.83	321.48	45.87
2670.00	22.45	41.22	2621.04	345.55	242.01	246.68	0.34	345.57	45.55
2733.00	22.85	40.90	2679.19	369.75	260.30	262.62	0.66	369.76	45.25
2796.00	22.30	40.98	2737.36	393.88	278.57	278.46	0.87	393.88	44.99
2860.00	21.60	41.27	2796.72	417.75	296.59	294.20	1.11	417.75	44.77
2923.00	21.25	41.03	2855.37	440.72	313.92	309.34	0.57	440.72	44.58
2986.00	20.49	40.41	2914.23	463.10	330.93	323.98	1.26	463.12	44.39
3049.00	20.53	40.07	2973.24	485.10	347.78	338.24	0.20	485.14	44.20
3174.00	20.92	40.19	3090.15	529.18	381.60	366.75	0.31	529.27	43.86
3238.00	20.77	40.02	3149.96	551.88	399.02	381.43	0.25	552.00	43.71
3300.00	20.84	39.68	3207.92	573.81	415.92	395.54	0.23	573.97	43.56



Scientific
Drilling

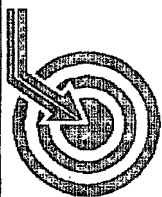
Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-5 #96M
Wellpath: DH - Job #33D0509093

Date: 05/29/2009 Time: 17:10:39 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,44.89Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

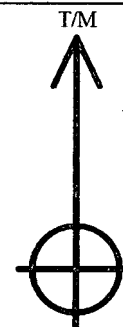
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3362.00	20.09	40.27	3266.00	595.41	432.54	409.46	1.25	595.60	43.43
3426.00	18.56	40.75	3326.40	616.53	448.64	423.22	2.40	616.76	43.33
3488.00	17.60	41.18	3385.33	635.72	463.17	435.83	1.56	635.98	43.26
3551.00	15.82	41.81	3445.67	653.80	476.74	447.83	2.84	654.09	43.21
3616.00	14.97	41.11	3508.34	671.03	489.67	459.25	1.34	671.33	43.16
3678.00	13.86	42.55	3568.39	686.44	501.17	469.54	1.88	686.76	43.13
3741.00	13.40	37.90	3629.61	701.23	512.49	479.13	1.89	701.58	43.07
3804.00	11.88	35.65	3691.09	714.87	523.52	487.39	2.54	715.28	42.95
3867.00	11.02	35.92	3752.83	727.22	533.67	494.70	1.37	727.69	42.83
3931.00	9.30	37.21	3815.82	738.39	542.74	501.42	2.71	738.91	42.73
3994.00	7.76	42.13	3878.13	747.68	549.95	507.35	2.70	748.23	42.69
4057.00	6.62	43.92	3940.63	755.56	555.72	512.72	1.84	756.12	42.70
4119.00	5.39	43.35	4002.29	762.05	560.41	517.20	1.99	762.60	42.70
4150.00	5.19	44.28	4033.16	764.90	562.48	519.18	0.70	765.46	42.71
4182.00	4.50	41.43	4065.04	767.60	564.45	521.02	2.28	768.16	42.71



**Scientific
Drilling**

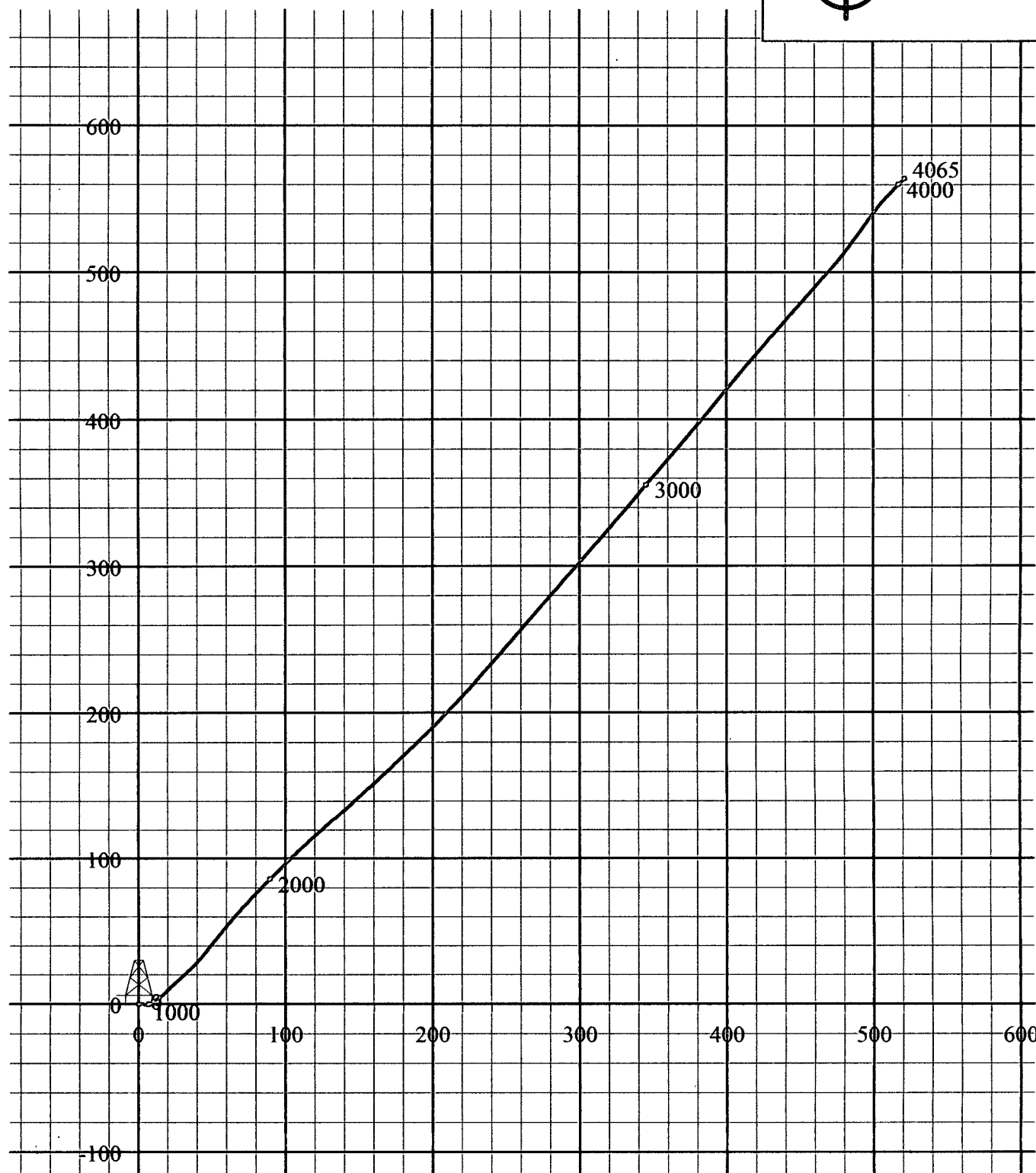
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 30-5 #96M
Wellpath: DH - Job #33D0509093
Survey: 05/20/09-05/25/09



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 05/29/2009
Model: igrf2000

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



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

Most Recent Job

Jobs				
Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	6/22/2009	9/28/2009

Well Config: DEVIATED - Original Hole, 10/1/2009 7:49:55 AM

