

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

"AS DRILLED PLAT"

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

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-039-30299	² Pool Code 71599/ 72319	³ Pool Name Basin Dakota / Blanco Mesaverde
⁴ Property Code 7454	⁵ Property Name San Juan 27-5 Unit	⁶ Well Number 903
⁷ OGRID No. 14538	⁸ Operator Name Burlington Resources Oil & Gas Company, LP	⁹ Elevation 6628'

¹⁰ Surface Location

UL or lot no. G	Section 8	Township 27N	Range 5W	Lot Idn	Feet from the 1585'	North/South line North	Feet from the 1860'	East/West line East	County Rio Arriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 8	Township 27N	Range 5W	Lot Idn	Feet from the 896'	North/South line North	Feet from the 1671'	East/West line East	County Rio Arriba
¹² Dedicated Acres MV/DK 320. E/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

RCVD NOV 13 '08
OIL CONS. DIV.**DIST. 3**

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.

¹⁶ 	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.	
	Signature <u>Patsy Clugston</u> Date <u>11/11/08</u>	
	Printed Name <u>Patsy Clugston, Sr. Regulatory Specialist</u>	
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 <u>8/2/07</u>	
	Signature and Seal of Professional Surveyor See original plat dated 9/10/07 signed by Marshall W. Lindeen	
	Certificate Number <u>17078</u>	

D 11/17



Gyrodata Incorporated

301 Thelma Dr. #433
Casper, Wyoming 82609

307/234-7241
Fax: 307/234-6309

October 20, 2008

RCVD NOV 13 '08

ConocoPhillips, Inc.
3401 E. 30th Street
Farmington, NM 87402

OIL CONS. DIV.

DIST. 3

Attn: Patsey Clugston

Ms. Clugston:

Please find enclosed a certified copy of the survey conducted for ConocoPhillips, Inc. on July 31, 2008, Job Number RM0708GW564. The survey was performed on:

Well: San Juan 27-5 #903
Field: Rio Arriba County, New Mexico
Rig: Crane

If any additional information is required, please feel free to contact the undersigned at (307) 234-7241.

Sincerely,

A handwritten signature in black ink, appearing to read "Maricela Gomez".

Maricela Gomez
Operations Assistant

Enclosure

Gyrodata Incorporated
301 Thelma Dr. #433
Casper, Wyoming 82609
307/234-7241
Fax. 307/234-6309

RCVD NOV 13 '08

ALL COPIES OF

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DIRECTIONAL SURVEY CERTIFICATION

RE: ConocoPhillips, Inc. (Operator)
San Juan 27-5 #903 (Well Name & No.)
 Sec. -T N-R W

Well File No.

Surveyor: James Butler

I, Joel Sulzen, having personal knowledge of all the facts, hereby certify that the attached directional survey run from measured depth of 3820 feet to a measured depth of 7870 feet is true and correct as determined from all available records.

[Signature] Operations Manager Gyrodatta, Inc.

Signature Title Company

State of Wyoming)

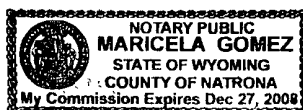
County of Natrona)

On this 20 day October, 20 08, before me personally appeared Joel Sulzen to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

SEAL:

Notary Public

My Commission Expires 12/27/2008



A Gyrodata Directional Survey

for

CONOCOPHILLIPS, INC.

Lease: San Juan 27-5 Well: 903, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW564

Run Date: 31 Jul 2008

Surveyor: James Butler

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.591438 deg. N Longitude: 107.378807 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

RCVD NOV 13 '08

OIL CONS. DIV.

DIST. 3

A Gyrodata Directional Survey

ConocoPhillips, Inc.

Lease: San Juan 27-5 Well: 903, 4-1/2" Casing

Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW564

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet

3820 - 7870 FT RATE GYROSCOPIC SURVEY RUN INSIDE 4-1/2" CASING							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO WELLHEAD							
TIE-IN DATA PROVIDED BY COMPANY MAN							

3720.00	1.14	355.97	N 4 2 W	0.00	3632.78	675.0 15.3	651.04 N 178.39 E
3820.00	0.68	358.39	N 1 36 W	0.46	3732.77	676.5 15.3	652.63 N 178.30 E
4020.00	0.50	5.14	N 5 8 E	0.10	3932.76	678.5 15.2	654.69 N 178.35 E
4220.00	0.42	1.25	N 1 15 E	0.04	4132.75	680.1 15.2	656.29 N 178.44 E
4420.00	0.30	332.03	N 27 58 W	0.11	4332.75	681.2 15.2	657.48 N 178.21 E
4620.00	0.33	287.76	N 72 15 W	0.12	4532.74	681.6 15.1	658.12 N 177.42 E
4820.00	0.38	287.41	N 72 36 W	0.02	4732.74	681.7 15.0	658.50 N 176.22 E
5020.00	0.30	317.00	N 43 0 W	0.10	4932.74	682.0 14.9	659.07 N 175.23 E
5220.00	0.20	302.68	N 57 19 W	0.06	5132.73	682.4 14.8	659.64 N 174.58 E
5420.00	0.14	268.79	S 88 47 W	0.06	5332.73	682.4 14.8	659.83 N 174.05 E
5620.00	0.10	322.66	N 37 20 W	0.06	5532.73	682.4 14.7	659.97 N 173.70 E
5820.00	0.22	343.16	N 16 50 W	0.06	5732.73	682.9 14.7	660.48 N 173.48 E
6020.00	0.16	1.99	N 1 59 E	0.04	5932.73	683.5 14.7	661.14 N 173.37 E
6220.00	0.72	22.91	N 22 55 E	0.29	6132.72	685.0 14.7	662.59 N 173.88 E
6420.00	0.86	25.46	N 25 27 E	0.07	6332.71	687.7 14.7	665.10 N 175.01 E
6620.00	1.39	36.69	N 36 42 E	0.29	6532.67	691.5 14.8	668.40 N 177.11 E
6820.00	1.00	50.62	N 50 37 E	0.24	6732.62	695.1 15.0	671.46 N 179.91 E
7020.00	0.70	29.08	N 29 5 E	0.22	6932.60	697.7 15.1	673.63 N 181.85 E
7220.00	0.97	22.57	N 22 34 E	0.14	7132.58	700.6 15.1	676.25 N 183.09 E

A Gyrodata Directional Survey

ConocoPhillips, Inc.

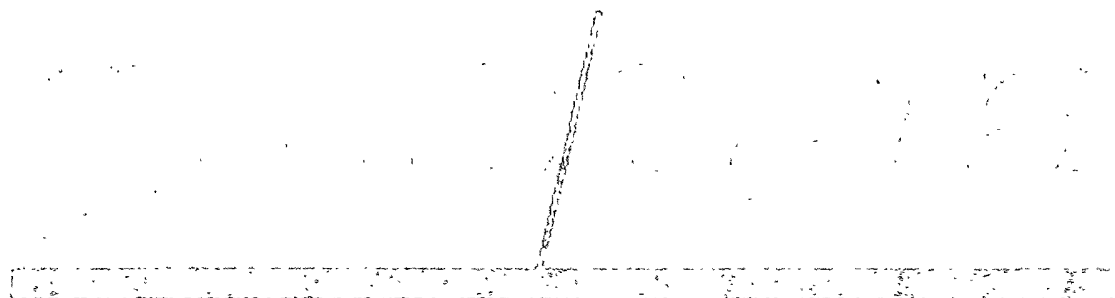
Lease: San Juan 27-5 Well: 903, 4-1/2" Casing

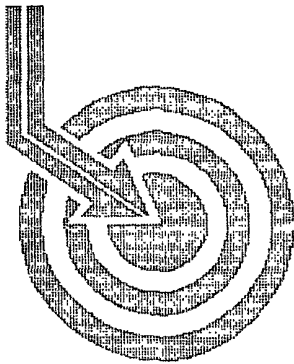
Location: Crane, Rio Arriba County, New Mexico

Job Number: RM0708GW564

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	BORE HOLE BEARING deg. min.	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
7420.00	1.09	34.67	N 34 40 E	0.12	7332.55	704.1 15.2	679.38 N 184.82 E
7620.00	1.48	16.12	N 16 7 E	0.29	7532.50	708.4 15.3	683.43 N 186.62 E
7820.00	1.53	27.92	N 27 55 E	0.16	7732.43	713.6 15.3	688.27 N 188.59 E
7870.00	1.61	31.61	N 31 37 E	0.27	7782.41	715.0 15.4	689.46 N 189.27 E

Final Station Closure: Distance: 714.97 ft Az: 15.35 deg.





Scientific Drilling

RCVD NOV 13 '08
OIL CONS. DIV.
DIST. 3

BURLINGTON RESOURCES

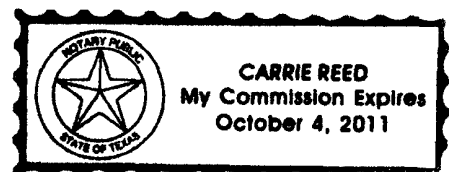
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #903
Wellpath: DH - Job #33D0508095
Survey: 06/04/08-06/08/08

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

Richard.....Company Representative

Notorized this date 19th of June, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 06/17/2008	Time: 09:47:29	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 27-5 #903	Section (VS) Reference:	Well (0.00N,0.00E,15.23Azi)	
Wellpath: DH - Job #33D0508095	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 06/04/08-06/08/08	Start Date: 06/04/2008
Company: Scientific Drilling Internatio	Engineer: Gillespie/Geiser/Fleming/Wood
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
279.00	0.63	115.54	278.99	-0.27	-0.66	1.38	0.23	1.53	115.54
340.00	0.72	102.92	339.99	-0.32	-0.89	2.06	0.28	2.24	113.40
402.00	0.73	103.32	401.99	-0.29	-1.07	2.82	0.02	3.02	110.74
463.00	0.57	115.07	462.98	-0.33	-1.29	3.48	0.34	3.71	110.32
525.00	0.68	100.45	524.98	-0.35	-1.49	4.12	0.31	4.38	109.83
585.00	0.85	51.39	584.97	0.04	-1.27	4.82	1.09	4.98	104.80
647.00	2.30	34.50	646.95	1.58	0.04	5.88	2.43	5.88	89.61
708.00	3.79	24.12	707.86	4.73	2.89	7.40	2.59	7.94	68.67
772.00	5.25	22.59	771.66	9.73	7.52	9.39	2.29	12.03	51.29
836.00	5.60	19.25	835.37	15.74	13.17	11.54	0.74	17.51	41.22
899.00	6.86	23.82	898.00	22.53	19.52	14.07	2.15	24.06	35.79
962.00	8.33	28.23	960.45	30.70	26.98	17.75	2.51	32.30	33.34
1026.00	9.77	25.80	1023.65	40.55	35.96	22.31	2.33	42.31	31.82
1089.00	10.99	24.04	1085.62	51.74	46.25	27.08	2.00	53.60	30.35
1153.00	12.39	22.81	1148.29	64.58	58.15	32.23	2.22	66.49	29.00
1215.00	14.07	21.51	1208.64	78.66	71.30	37.57	2.75	80.59	27.79
1278.00	15.46	18.96	1269.56	94.66	86.36	43.11	2.44	96.53	26.53
1342.00	16.52	18.31	1331.08	112.25	103.07	48.74	1.68	114.01	25.31
1406.00	16.56	19.12	1392.43	130.44	120.33	54.58	0.37	132.13	24.40
1469.00	16.06	19.61	1452.90	148.09	137.02	60.45	0.82	149.76	23.81
1533.00	15.57	20.35	1514.48	165.47	153.41	66.41	0.83	167.17	23.41
1596.00	15.44	23.25	1575.18	182.19	169.04	72.66	1.25	184.00	23.26
1660.00	16.40	25.76	1636.73	199.51	185.01	79.95	1.85	201.54	23.37
1723.00	15.50	25.49	1697.30	216.54	200.62	87.44	1.43	218.84	23.55
1787.00	15.04	24.48	1759.04	233.15	215.89	94.56	0.83	235.69	23.65
1850.00	15.64	24.25	1819.80	249.61	231.08	101.43	0.96	252.36	23.70
1914.00	15.43	30.86	1881.47	266.33	246.25	109.34	2.78	269.44	23.94
1978.00	16.33	34.45	1943.02	283.02	260.98	118.80	2.08	286.75	24.48
2041.00	18.19	30.59	2003.19	300.87	276.75	128.82	3.47	305.26	24.96
2104.00	18.78	22.98	2062.94	320.40	294.56	137.78	3.94	325.19	25.07
2168.00	18.10	16.35	2123.66	340.55	313.58	144.60	3.44	345.32	24.76
2232.00	16.00	18.52	2184.85	359.30	331.49	150.20	3.43	363.93	24.38
2296.00	16.14	25.68	2246.35	376.86	347.87	156.86	3.10	381.60	24.27
2360.00	16.93	28.15	2307.71	394.69	364.10	165.11	1.65	399.79	24.39
2422.00	16.39	24.75	2367.11	412.12	380.01	173.03	1.80	417.55	24.48
2485.00	15.95	21.46	2427.62	429.49	396.14	179.92	1.61	435.08	24.43
2549.00	15.10	15.41	2489.28	446.57	412.36	185.35	2.86	452.10	24.20
2612.00	15.07	12.01	2550.11	462.95	428.28	189.24	1.41	468.22	23.84
2676.00	15.55	6.34	2611.85	479.73	444.94	191.92	2.46	484.57	23.33
2739.00	14.49	2.89	2672.69	495.78	461.21	193.25	2.20	500.06	22.73
2803.00	14.51	357.68	2734.66	511.24	477.22	193.33	2.04	514.89	22.05
2867.00	14.88	356.19	2796.56	526.66	493.43	192.46	0.83	529.63	21.31
2930.00	14.87	354.98	2857.45	541.89	509.55	191.21	0.49	544.25	20.57
2993.00	14.97	355.22	2918.33	557.12	525.71	189.83	0.19	558.93	19.85
3056.00	14.83	354.23	2979.21	572.29	541.84	188.34	0.46	573.64	19.17
3120.00	14.12	353.60	3041.18	587.19	557.75	186.64	1.14	588.15	18.50
3184.00	13.58	353.10	3103.32	601.41	572.97	184.87	0.86	602.05	17.88
3247.00	13.07	352.31	3164.62	614.82	587.37	183.03	0.86	615.23	17.31



Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 06/17/2008	Time: 09:47:29	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 27-5 #903	Section (VS) Reference:	Well: (0.00N,0.00E,15.23Azi)	
Wellpath: DH - Job #33D0508095	Survey Calculation Method:	Minimum Curvature	
		Db:	Sybase

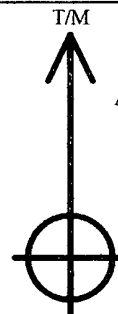
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3310.00	11.48	352.99	3226.18	627.19	600.65	181.31	2.53	627.42	16.80
3374.00	10.58	355.64	3289.00	638.62	612.83	180.09	1.61	638.74	16.38
3437.00	8.65	356.93	3351.11	648.56	623.33	179.39	3.08	648.63	16.06
3505.00	6.55	0.96	3418.51	657.18	632.32	179.18	3.18	657.21	15.82
3564.00	5.17	3.02	3477.20	663.04	638.34	179.38	2.37	663.06	15.70
3628.00	4.31	1.13	3540.98	668.19	643.62	179.58	1.37	668.20	15.59
3692.00	1.87	352.69	3604.88	671.49	647.06	179.49	3.87	671.50	15.50
3720.00	1.14	355.97	3632.87	672.17	647.79	179.42	2.62	672.18	15.48



**Scientific
Drilling**

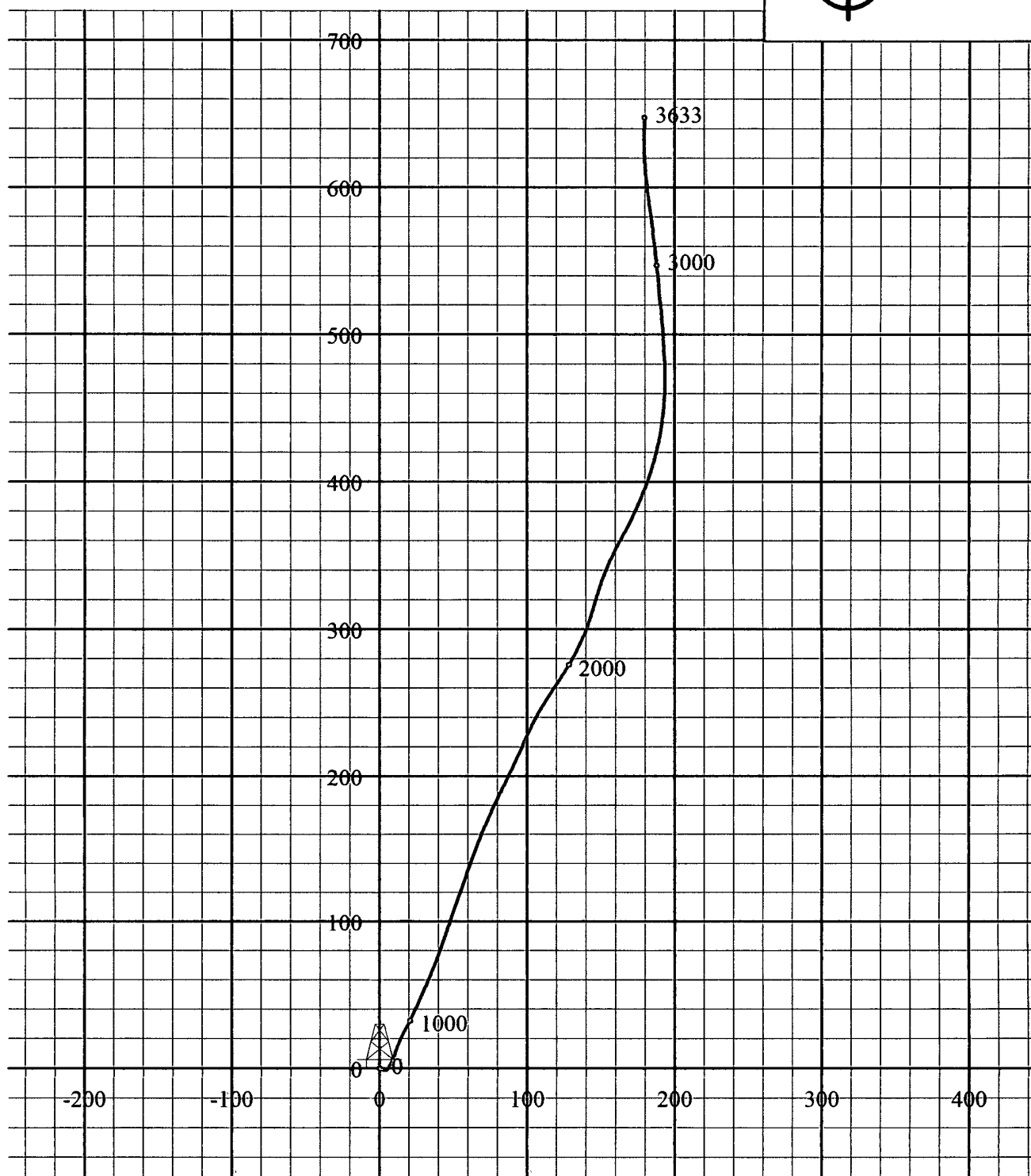
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-5 #903
Wellpath: DH - Job #33D0508095
Survey: 06/04/08-06/08/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/17/2008
Model: igrf2000

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



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