

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

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

DISTRICT III
1600 Rio Grande Rd., Aztec, N.M. 87410

DISTRICT IV
1230 S. St. Francis Dr., Santa Fe, NM 87506

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2006

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

RCVD OCT 2 '09
☐ AMENDED REPORT

OIL CONS. DIV.
DIST. 3

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 3045-34916		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 6817		*Property Name AZTEC A			*Well Number 1M
*OGED No. 14538		*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP			*Elevation 5790'

¹⁰ Surface Location

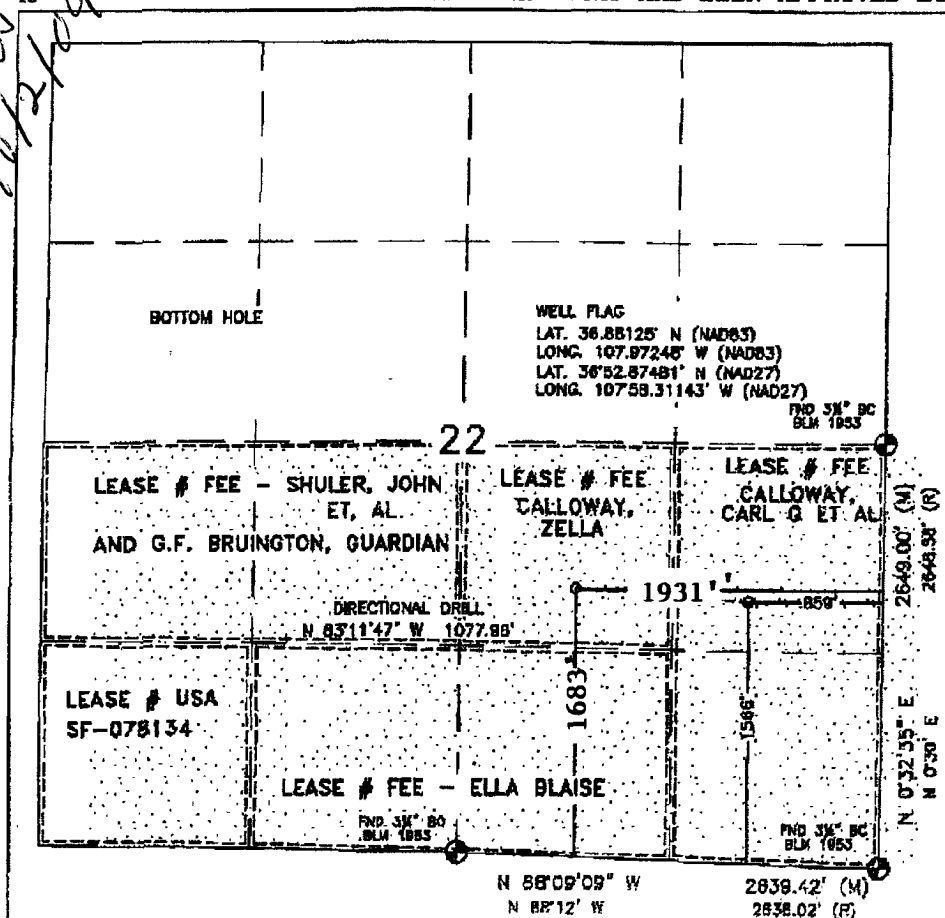
UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
I	22	31N	11W		1566	SOUTH	859	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
J	22	31N	11W		1683	SOUTH	1931	EAST	SAN JUAN

*Dedicated Acres 320.0 Acres (S/2)		*Joint or Infill	*Consolidation Code	*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



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 undiscovered 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 10/1/09
Signature Date

Crystal Tafoya 10/1/09
Printed Name

¹⁸ SURVEYOR CERTIFICATION

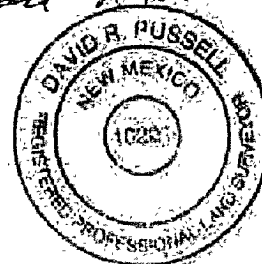
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 21, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

10201

8

Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	Legal WellName AZTEC A #1M	API / UWI 3004534916	County SAN JUAN	State/Province NEW MEXICO
Surface Legal Location 022-031N-011W-I	N/S Dist (ft) 1,566.00	N/S Ref FSL	E/W Dist (ft) 859.00	E/W Ref FEL

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/18/2009	252.00	0.41	MWD	Scientific Drilling
5/18/2009	313.00	0.50	MWD	Scientific Drilling
5/18/2009	375.00	1.47	MWD	Scientific Drilling
5/18/2009	436.00	2.56	MWD	Scientific Drilling
5/18/2009	497.00	3.69	MWD	Scientific Drilling
5/19/2009	559.00	4.93	MWD	Scientific Drilling
5/19/2009	620.00	6.25	MWD	Scientific Drilling
5/19/2009	681.00	7.54	MWD	Scientific Drilling
5/19/2009	743.00	8.61	MWD	Scientific Drilling
5/19/2009	804.00	10.02	MWD	Scientific Drilling
5/19/2009	865.00	11.28	MWD	Scientific Drilling
5/19/2009	927.00	12.66	MWD	Scientific Drilling
5/19/2009	988.00	13.46	MWD	Scientific Drilling
5/19/2009	1,049.00	14.58	MWD	Scientific Drilling
6/1/2009	1,112.00	15.82	MWD	Scientific Drilling
5/19/2009	1,175.00	17.24	MWD	Scientific Drilling
5/19/2009	1,239.00	18.46	MWD	Scientific Drilling
5/19/2009	1,302.00	18.84	MWD	Scientific Drilling
6/1/2009	1,365.00	18.89	FINAL BHS	Scientific Drilling
5/19/2009	1,428.00	18.96	MWD	Scientific Drilling
5/19/2009	1,491.00	19.08	MWD	Scientific Drilling
5/19/2009	1,555.00	19.08	MWD	Scientific Drilling
5/19/2009	1,618.00	19.19	MWD	Scientific Drilling
5/19/2009	1,681.00	19.24	MWD	Scientific Drilling
5/19/2009	1,744.00	19.29	MWD	Scientific Drilling
5/19/2009	1,808.00	18.95	MWD	Scientific Drilling
5/19/2009	1,871.00	19.00	MWD	Scientific Drilling
5/19/2009	1,936.00	18.56	MWD	Scientific Drilling
5/19/2009	1,999.00	17.91	MWD	Scientific Drilling
5/19/2009	2,062.00	18.24	MWD	Scientific Drilling
5/19/2009	2,126.00	18.19	MWD	Scientific Drilling
5/19/2009	2,189.00	17.43	MWD	Scientific Drilling
5/20/2009	2,253.00	17.25	MWD	Scientific Drilling
5/20/2009	2,316.00	17.39	MWD	Scientific Drilling
5/20/2009	2,379.00	18.02	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.

[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

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/20/2009	2,443.00	18.41	MWD	Scientific Drilling
5/20/2009	2,506.00	18.25	MWD	Scientific Drilling
5/20/2009	2,569.00	19.05	MWD	Scientific Drilling
5/20/2009	2,632.00	19.31	MWD	Scientific Drilling
5/20/2009	2,695.00	19.25	MWD	Scientific Drilling
5/20/2009	2,758.00	18.58	MWD	Scientific Drilling
5/20/2009	2,821.00	17.84	MWD	Scientific Drilling
5/20/2009	2,884.00	17.81	MWD	Scientific Drilling
5/20/2009	2,947.00	18.20	MWD	Scientific Drilling
5/20/2009	3,011.00	18.21	MWD	Scientific Drilling
5/20/2009	3,073.00	18.38	MWD	Scientific Drilling
5/20/2009	3,136.00	18.16	MWD	Scientific Drilling
5/20/2009	3,200.00	18.20	MWD	Scientific Drilling
5/20/2009	3,263.00	18.08	MWD	Scientific Drilling
5/20/2009	3,326.00	18.34	MWD	Scientific Drilling
5/20/2009	3,390.00	18.39	MWD	Scientific Drilling
5/20/2009	3,452.00	18.56	MWD	Scientific Drilling
5/21/2009	3,515.00	18.18	MWD	Scientific Drilling
6/1/2009	3,578.00	17.89	MWD	Scientific Drilling
5/21/2009	3,641.00	17.88	MWD	Scientific Drilling
5/21/2009	3,704.00	17.72	MWD	Scientific Drilling
5/21/2009	3,767.00	17.23	MWD	Scientific Drilling
5/21/2009	3,830.00	15.53	MWD	Scientific Drilling
5/21/2009	3,893.00	13.60	MWD	Scientific Drilling
5/21/2009	3,956.00	12.33	MWD	Scientific Drilling
5/21/2009	4,019.00	11.60	MWD	Scientific Drilling
5/21/2009	4,082.00	11.00	MWD	Scientific Drilling
5/21/2009	4,145.00	10.19	MWD	Scientific Drilling
6/1/2009	4,208.00	10.10	MWD	Scientific Drilling
5/21/2009	4,272.00	8.96	MWD	Scientific Drilling
5/22/2009	4,335.00	7.78	MWD	Scientific Drilling
5/22/2009	4,397.00	6.16	MWD	Scientific Drilling
5/22/2009	4,461.00	4.75	MWD	Scientific Drilling
6/1/2009	4,513.00	3.72	MWD	Scientific Drilling
6/1/2009	7,135.00	0.75	FINAL BHS	PHOENIX

RCVD OCT 2 '09
OIL CONS. DIV.
DIST. 2

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.

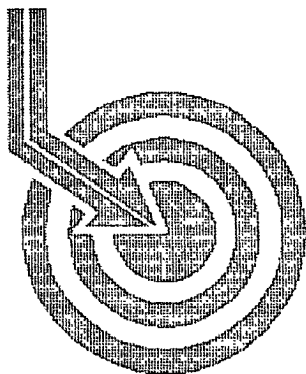
[Signature]

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

BURLINGTON RESOURCES

Field: Aztec
Site: Rio Arriba County, NM
Well: Aztec A #1M
Wellpath: DH - Job #33D0509094
Survey: 05/17/109-05/22/09
30-045-34916

RCVD OCT 2 '03

OIL CONS. DIV.

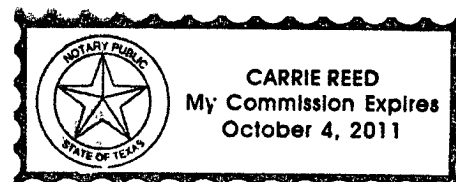
DIST. 3

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

.....Robert.....Company Representative

Notorized this date 1st of June, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas



A6



Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 05/29/2009	Time: 16:35:52	Page: 1
Field: Aztec	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Aztec A #1M	Section (VS) Reference:	Well (0.00N,0.00E,276.79Azi)	
Wellpath: DH - Job #33D0509094	Survey Calculation Method:	Minimum Curvature. Db: Sybase	

Survey: 05/17/109-05/22/09	Start Date: 05/17/2009
E-field 0'-4513'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Richie/McCormick/Flower/B
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
252.00	0.41	152.76	252.00	-0.50	-0.80	0.41	0.16	0.90	152.76
313.00	0.50	225.02	313.00	-0.46	-1.18	0.32	0.89	1.23	164.68
375.00	1.47	283.77	374.99	0.49	-1.19	-0.64	2.07	1.35	208.34
436.00	2.56	294.50	435.95	2.57	-0.43	-2.64	1.88	2.67	260.65
497.00	3.69	290.26	496.86	5.78	0.81	-5.72	1.89	5.78	278.06
559.00	4.93	289.18	558.68	10.32	2.38	-10.11	2.00	10.38	283.23
620.00	6.25	285.03	619.39	16.16	4.10	-15.79	2.26	16.31	284.55
681.00	7.54	280.44	679.95	23.45	5.68	-22.93	2.30	23.63	283.92
743.00	8.61	278.28	741.33	32.14	7.09	-31.53	1.79	32.32	282.67
804.00	10.02	279.46	801.53	42.01	8.62	-41.28	2.33	42.17	281.80
865.00	11.28	279.25	861.47	53.27	10.45	-52.40	2.07	53.44	281.28
927.00	12.66	278.97	922.12	66.12	12.49	-65.10	2.23	66.29	280.86
988.00	13.46	276.65	981.55	79.90	14.35	-78.76	1.57	80.05	280.33
1049.00	14.58	276.40	1040.73	94.68	16.03	-93.44	1.84	94.80	279.73
1112.00	15.82	276.81	1101.52	111.19	17.93	-109.85	1.98	111.30	279.27
1175.00	17.24	276.24	1161.92	129.12	19.96	-127.65	2.27	129.21	278.89
1239.00	18.46	277.47	1222.84	148.73	22.31	-147.13	2.00	148.81	278.62
1302.00	18.84	276.95	1282.53	168.88	24.84	-167.12	0.66	168.95	278.45
1365.00	18.89	277.08	1342.14	189.25	27.33	-187.33	0.10	189.32	278.30
1428.00	18.96	277.13	1401.74	209.68	29.85	-207.61	0.11	209.75	278.18
1491.00	19.08	276.87	1461.30	230.21	32.36	-227.99	0.23	230.27	278.08
1555.00	19.08	276.60	1521.78	251.14	34.81	-248.76	0.14	251.19	277.97
1618.00	19.19	276.34	1581.30	271.79	37.14	-269.28	0.22	271.83	277.85
1681.00	19.24	276.58	1640.79	292.52	39.47	-289.89	0.15	292.56	277.75
1744.00	19.29	276.37	1700.27	313.31	41.81	-310.54	0.14	313.34	277.67
1808.00	18.95	276.54	1760.73	334.27	44.17	-331.37	0.54	334.30	277.59
1871.00	19.00	276.59	1820.31	354.75	46.51	-351.72	0.08	354.78	277.53
1936.00	18.56	276.27	1881.85	375.68	48.86	-372.51	0.70	375.70	277.47
1999.00	17.91	275.40	1941.69	395.39	50.86	-392.13	1.12	395.41	277.39
2062.00	18.24	273.86	2001.58	414.92	52.44	-411.61	0.92	414.93	277.26
2126.00	18.19	272.61	2062.37	434.89	53.57	-431.58	0.62	434.89	277.08
2189.00	17.43	270.05	2122.35	454.06	54.02	-450.84	1.73	454.06	276.83
2253.00	17.25	269.23	2183.44	472.99	53.90	-469.91	0.47	472.99	276.54
2316.00	17.39	271.04	2243.59	491.62	53.95	-488.67	0.88	491.63	276.30
2379.00	18.01	273.33	2303.61	510.71	54.69	-507.80	1.48	510.74	276.15
2443.00	18.41	275.32	2364.40	530.68	56.20	-527.74	1.16	530.73	276.08
2506.00	18.25	275.07	2424.20	550.49	57.99	-547.47	0.28	550.54	276.05
2569.00	19.05	276.74	2483.90	570.63	60.07	-567.51	1.53	570.68	276.04
2632.00	19.31	277.93	2543.40	591.33	62.71	-588.04	0.75	591.37	276.09
2695.00	19.25	278.50	2602.87	612.12	65.69	-608.62	0.31	612.16	276.16
2758.00	18.58	278.07	2662.46	632.54	68.63	-628.83	1.09	632.57	276.23
2821.00	17.84	276.97	2722.31	652.22	71.21	-648.35	1.30	652.25	276.27
2884.00	17.81	276.72	2782.28	671.51	73.51	-667.50	0.13	671.53	276.28
2947.00	18.20	276.66	2842.20	690.98	75.78	-686.84	0.62	691.01	276.30
3011.00	18.21	276.84	2903.00	710.98	78.13	-706.69	0.09	711.00	276.31
3073.00	18.38	277.41	2961.86	730.44	80.54	-726.01	0.40	730.46	276.33
3136.00	18.16	278.02	3021.69	750.18	83.19	-745.58	0.46	750.20	276.37
3200.00	18.20	276.55	3082.49	770.15	85.72	-765.38	0.72	770.17	276.39



Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 05/29/2009	Time: 16:35:52	Page: 2
Field: Aztec	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, True North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Aztec A #1M	Section (VS) Reference:	Well (0.00N,0.00E,276.79Azi)	
Wellpath: DH - Job #33D0509094	Survey Calculation Method:	Minimum Curvature Db: Sybase	

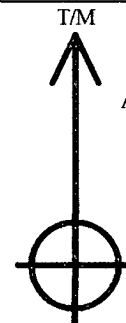
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3263.00	18.08	276.53	3142.36	789.76	87.96	-784.87	0.19	789.78	276.39
3326.00	18.34	277.23	3202.20	809.45	90.32	-804.42	0.54	809.47	276.41
3390.00	18.39	278.64	3262.95	829.61	93.10	-824.39	0.70	829.63	276.44
3452.00	18.56	279.22	3321.75	849.24	96.15	-843.79	0.40	849.25	276.50
3515.00	18.18	279.45	3381.54	869.08	99.37	-863.39	0.61	869.09	276.57
3578.00	17.89	279.13	3441.44	888.56	102.52	-882.63	0.49	888.57	276.63
3641.00	17.88	278.40	3501.40	907.90	105.47	-901.76	0.36	907.90	276.67
3704.00	17.72	276.81	3561.38	927.16	108.02	-920.84	0.81	927.16	276.69
3767.00	17.23	276.60	3621.48	946.07	110.23	-939.63	0.78	946.08	276.69
3830.00	15.53	274.90	3681.92	963.84	112.02	-957.31	2.80	963.84	276.67
3893.00	13.60	274.36	3742.89	979.67	113.30	-973.10	3.07	979.67	276.64
3956.00	12.33	274.01	3804.28	993.79	114.34	-987.19	2.02	993.79	276.61
4019.00	11.60	273.88	3865.91	1006.83	115.24	-1000.22	1.16	1006.84	276.57
4082.00	11.00	274.40	3927.69	1019.16	116.13	-1012.53	0.97	1019.17	276.54
4145.00	10.19	271.91	3989.62	1030.72	116.77	-1024.10	1.48	1030.73	276.51
4208.00	10.10	271.25	4051.63	1041.77	117.08	-1035.19	0.23	1041.79	276.45
4272.00	8.96	271.46	4114.75	1052.32	117.33	-1045.78	1.78	1052.34	276.40
4335.00	7.78	267.49	4177.08	1061.41	117.27	-1054.95	2.08	1061.44	276.34
4397.00	6.16	267.78	4238.62	1068.84	116.96	-1062.46	2.61	1068.88	276.28
4461.00	4.75	268.24	4302.33	1074.85	116.74	-1068.54	2.20	1074.90	276.23
4513.00	3.72	274.85	4354.18	1078.67	116.82	-1072.38	2.19	1078.72	276.22



Scientific
Drilling

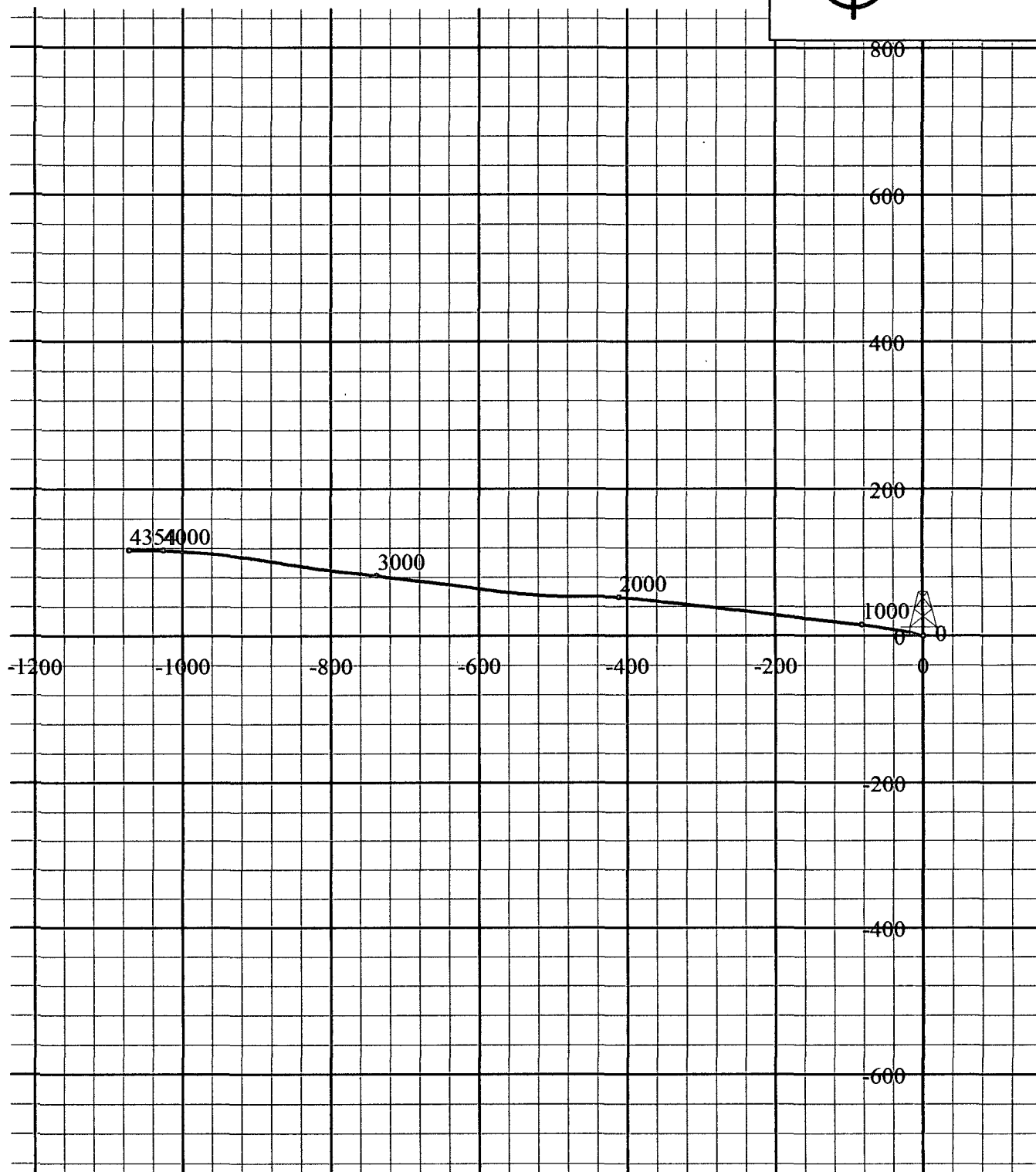
Field: Aztec
Site: Rio Arriba County, NM
Well: Aztec A #1M
Wellpath: DH - Job #33D0509094
Survey: 05/17/109-05/22/09



Azimuths to True North
Magnetic North: 0.00°

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

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



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