

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

Fee Lease - 3 Copies
State Lease - 7 Copies
Submit to Appropriate District Office
Revised June 10, 2003
Form C-102

RCVD MAR 25 '08

☐ AMENDED REPORT
OIL CONS. DIV.

DIST. 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-30092		2 Pool Code 71599 / 72319		3 Pool Name DAKOTA / Mesaverde	
4 Property Code 31739		5 Property Name SAN JUAN 28-7			6 Well Number 156G
7 OGRID No. 217817		8 Operator Name CONOCOPHILLIPS COMPANY			9 Elevation 6591.4'

10 SURFACE LOCATION

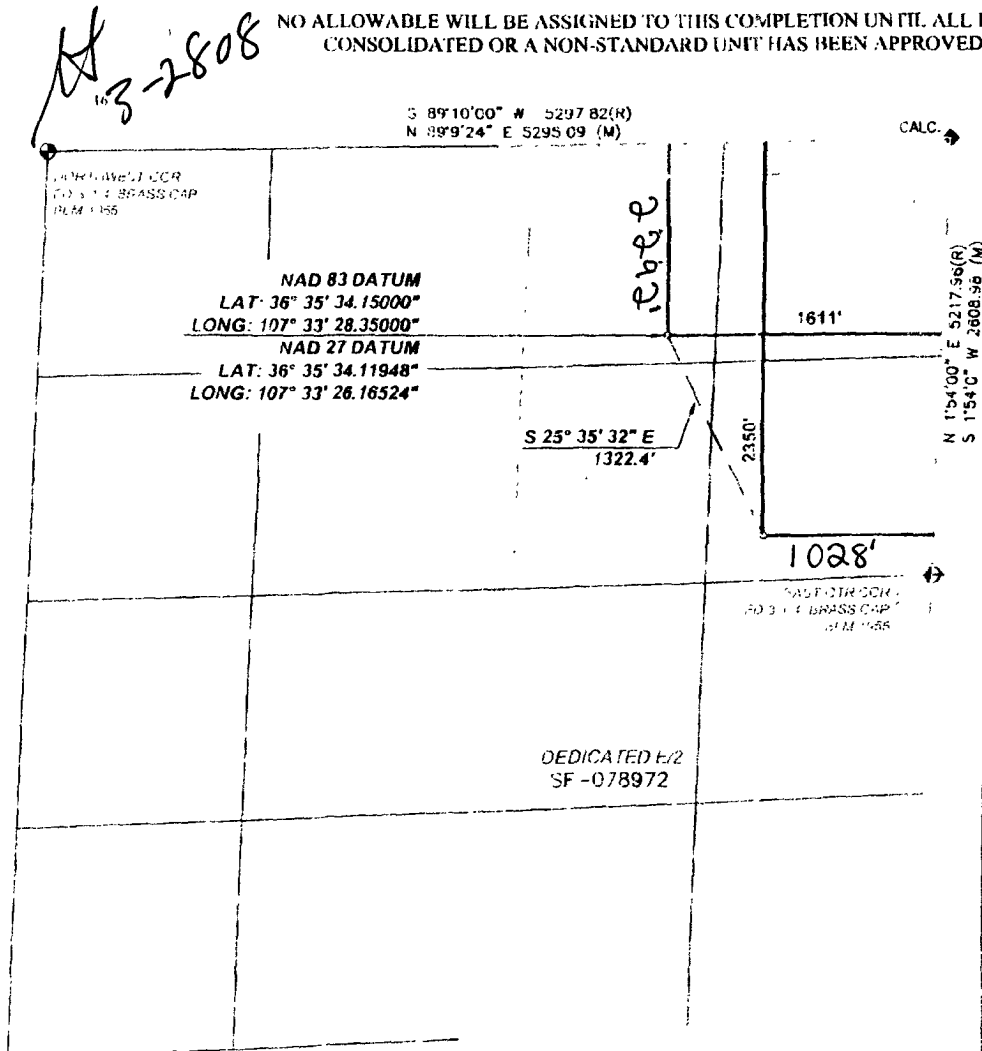
10.1 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	10	27-N	07-W		1174	NORTH	1611	EAST	RIO ARriba

11 Bottom Hole Location if Different From Surface

11.1 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	27-N	07-W		2292'	NORTH	1028'	EAST	RIO ARriba

12 Dedicated Acres 320.0 E/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



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: *Shonda Rogers* Date: *3/19/08*
Printed Name: *Shonda Rogers*

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: *7-12-08*
Signature and Seal of Professional Surveyor:

Certificate Number: *11393*

3

Survey Data					
Date	MD (ftKB)	Incl (°)	Method		Survey Company
10/10/2007	2,578.00	23.31	MWD		Scientific Drilling
10/10/2007	2,640.00	23.09	MWD		Scientific Drilling
10/10/2007	2,703.00	22.08	MWD		Scientific Drilling
10/10/2007	2,766.00	21.88	MWD		Scientific Drilling
10/10/2007	2,828.00	22.12	MWD		Scientific Drilling
10/10/2007	2,892.00	22.26	MWD		Scientific Drilling
10/10/2007	2,954.00	22.01	MWD		Scientific Drilling
10/10/2007	3,015.00	21.16	MWD		Scientific Drilling
10/10/2007	3,078.00	20.43	MWD		Scientific Drilling
10/10/2007	3,141.00	20.34	MWD		Scientific Drilling
10/10/2007	3,204.00	20.00	MWD		Scientific Drilling
10/10/2007	3,267.00	19.60	MWD		Scientific Drilling
10/10/2007	3,331.00	19.94	MWD		Scientific Drilling
10/10/2007	3,394.00	21.28	MWD		Scientific Drilling
10/10/2007	3,455.00	21.36	MWD		Scientific Drilling
10/10/2007	3,518.00	19.32	MWD		Scientific Drilling
10/10/2007	3,582.00	17.56	MWD		Scientific Drilling
10/10/2007	3,646.00	16.60	MWD		Scientific Drilling
10/10/2007	3,710.00	15.71	MWD		Scientific Drilling
10/10/2007	3,773.00	15.94	MWD		Scientific Drilling
10/10/2007	3,835.00	15.49	MWD		Scientific Drilling
10/10/2007	3,898.00	14.74	MWD		Scientific Drilling
10/10/2007	3,961.00	15.55	MWD		Scientific Drilling
10/10/2007	4,024.00	17.22	MWD		Scientific Drilling
10/10/2007	4,086.00	15.71	MWD		Scientific Drilling
10/10/2007	4,150.00	14.75	MWD		Scientific Drilling
10/10/2007	4,210.00	12.89	MWD		Scientific Drilling
10/10/2007	4,273.00	10.52	MWD		Scientific Drilling
10/10/2007	4,335.00	8.60	MWD		Scientific Drilling
10/10/2007	4,399.00	8.24	MWD		Scientific Drilling
10/10/2007	4,461.00	7.16	MWD		Scientific Drilling
10/10/2007	4,521.00	5.92	MWD		Scientific Drilling
10/10/2007	4,586.00	4.45	MWD		Scientific Drilling
10/10/2007	4,649.00	3.52	MWD		Scientific Drilling
10/10/2007	4,712.00	2.03	MWD		Scientific Drilling
10/10/2007	7,922.00	0.75	Incl		PHOENIX SERVICES

RCVD MAR 25 '08
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.



Subscribed and sworn to me this 3-19-08



Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011



COP Deviation Report
SAN JUAN 28-7 UNIT #156G

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #156G	API / UWI 3003930092	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:10;TWN:027N;RNG:007W	N/S Dist (ft) 1,174.00	N/S Ref FNL	E/W Dist (ft) 1,611.00	E/W Ref FEL

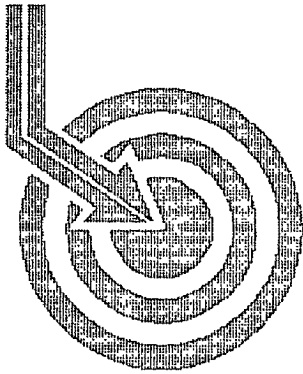
Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/10/2007	0.00	0.00	MWD	Scientific Drilling
10/9/2007	387.00	1.06	MWD	Scientific Drilling
10/9/2007	448.00	1.98	MWD	Scientific Drilling
10/9/2007	508.00	3.30	MWD	Scientific Drilling
10/9/2007	569.00	3.08	MWD	Scientific Drilling
10/9/2007	631.00	5.23	MWD	Scientific Drilling
10/9/2007	692.00	7.15	MWD	Scientific Drilling
10/9/2007	754.00	9.08	MWD	Scientific Drilling
10/9/2007	816.00	11.14	MWD	Scientific Drilling
10/9/2007	880.00	12.50	MWD	Scientific Drilling
10/9/2007	943.00	14.20	MWD	Scientific Drilling
10/9/2007	1,005.00	15.95	MWD	Scientific Drilling
10/9/2007	1,066.00	17.93	MWD	Scientific Drilling
10/9/2007	1,129.00	18.62	MWD	Scientific Drilling
10/9/2007	1,194.00	19.94	MWD	Scientific Drilling
10/9/2007	1,255.00	21.30	MWD	Scientific Drilling
10/9/2007	1,318.00	23.30	MWD	Scientific Drilling
10/9/2007	1,382.00	23.67	MWD	Scientific Drilling
10/9/2007	1,441.00	23.04	MWD	Scientific Drilling
10/9/2007	1,508.00	22.43	MWD	Scientific Drilling
10/9/2007	1,572.00	22.22	MWD	Scientific Drilling
10/9/2007	1,635.00	23.60	MWD	Scientific Drilling
10/9/2007	1,696.00	23.85	MWD	Scientific Drilling
10/9/2007	1,760.00	23.86	MWD	Scientific Drilling
10/10/2007	1,822.00	23.86	MWD	Scientific Drilling
10/10/2007	1,883.00	24.03	MWD	Scientific Drilling
10/10/2007	1,947.00	23.86	MWD	Scientific Drilling
10/10/2007	2,010.00	22.85	MWD	Scientific Drilling
10/10/2007	2,074.00	22.28	MWD	Scientific Drilling
10/10/2007	2,137.00	21.10	MWD	Scientific Drilling
10/10/2007	2,200.00	20.84	MWD	Scientific Drilling
10/10/2007	2,263.00	20.67	MWD	Scientific Drilling
10/10/2007	2,327.00	20.99	MWD	Scientific Drilling
10/10/2007	2,389.00	22.25	MWD	Scientific Drilling
10/10/2007	2,452.00	21.97	MWD	Scientific Drilling
10/10/2007	2,515.00	22.52	MWD	Scientific Drilling

I, the undersigned, certify that I acting in my capacity as _____ 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 _____



Scientific Drilling

CONOCOPHILLIPS

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #156G
Wellpath: DH - Job #33D1007903
Survey: 10/08/07-10/12/07

RCVD MAR 25 '08

OIL CONS. DIV.

DIST. 3

H
3-38-08

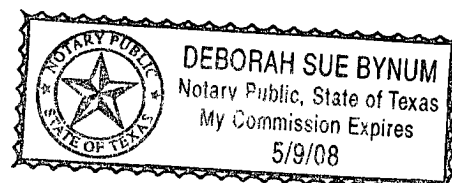
This survey is correct to the best of my knowledge
and is supported by actual field data.

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

Notorized this date 27th of November, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 11/26/2007	Time: 14:40:52	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #156G	Section (VS) Reference:	Well (0.00N,0.00E,152.55Azi)	
Wellpath: DH - Job #33D1007903	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 10/08/07-10/12/07	Start Date: 10/08/2007
E-field 0'-4712'	
Company: Scientific Drilling Internatio	Engineer: Vestal/Gillespie/Geiser
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
387.00	1.06	59.07	386.98	-0.22	1.84	3.07	0.27	3.58	59.07
448.00	1.98	121.84	447.96	0.65	1.57	4.45	2.90	4.72	70.52
508.00	3.30	128.16	507.89	3.12	-0.04	6.69	2.25	6.69	90.34
569.00	3.08	138.52	568.80	6.31	-2.35	9.15	1.01	9.45	104.41
631.00	5.23	149.38	630.63	10.75	-6.03	11.70	3.68	13.16	117.28
692.00	7.15	145.78	691.28	17.29	-11.56	15.25	3.21	19.14	127.18
754.00	9.08	147.70	752.65	26.00	-18.89	20.03	3.14	27.54	133.32
816.00	11.14	149.66	813.69	36.86	-28.20	25.67	3.37	38.13	137.68
880.00	12.50	150.67	876.33	49.95	-39.57	32.19	2.15	51.01	140.87
943.00	14.20	153.82	937.62	64.50	-52.45	38.94	2.93	65.32	143.41
1005.00	15.95	155.41	997.49	80.61	-67.02	45.84	2.90	81.20	145.63
1066.00	17.93	153.74	1055.84	98.37	-83.07	53.48	3.34	98.79	147.22
1129.00	18.62	153.08	1115.66	118.12	-100.73	62.33	1.14	118.45	148.25
1194.00	19.94	153.17	1177.02	139.58	-119.87	72.03	2.03	139.85	149.00
1255.00	21.30	151.19	1234.11	161.06	-138.87	82.06	2.51	161.30	149.42
1318.00	23.30	153.72	1292.39	184.96	-160.07	93.09	3.52	185.17	149.82
1382.00	23.67	153.47	1351.09	210.46	-182.91	104.44	0.60	210.62	150.27
1441.00	23.04	153.48	1405.26	233.84	-203.84	114.88	1.07	233.98	150.59
1508.00	22.43	152.86	1467.05	259.74	-226.94	126.57	0.98	259.85	150.85
1572.00	22.22	151.78	1526.25	284.05	-248.47	137.86	0.72	284.15	150.98
1635.00	23.60	150.90	1584.28	308.56	-269.99	149.63	2.26	308.68	151.01
1696.00	23.85	150.65	1640.13	333.10	-291.41	161.61	0.44	333.22	150.99
1760.00	23.86	150.80	1698.66	358.97	-313.98	174.27	0.10	359.10	150.97
1822.00	23.86	150.68	1755.36	384.03	-335.86	186.52	0.08	384.18	150.95
1883.00	24.03	150.89	1811.11	408.78	-357.47	198.61	0.31	408.94	150.94
1947.00	23.86	150.27	1869.60	434.74	-380.10	211.37	0.47	434.91	150.92
2010.00	22.85	149.00	1927.44	459.68	-401.65	223.99	1.79	459.88	150.85
2074.00	22.28	147.00	1986.54	484.16	-422.47	236.99	1.49	484.41	150.71
2137.00	21.10	149.91	2045.08	507.37	-442.30	249.18	2.53	507.67	150.60
2200.00	20.84	152.58	2103.91	529.91	-462.06	260.03	1.57	530.20	150.63
2263.00	20.67	151.07	2162.82	552.23	-481.74	270.57	0.89	552.52	150.68
2327.00	20.99	152.88	2222.64	574.98	-501.83	281.26	1.12	575.27	150.73
2389.00	22.25	152.50	2280.28	597.83	-522.13	291.74	2.04	598.10	150.81
2452.00	21.97	152.71	2338.65	621.54	-543.18	302.65	0.46	621.81	150.87
2515.00	22.52	153.16	2396.96	645.39	-564.42	313.50	0.91	645.64	150.95
2578.00	23.31	153.79	2454.98	669.91	-586.37	324.46	1.31	670.15	151.04
2640.00	23.09	154.42	2511.97	694.33	-608.34	335.12	0.53	694.54	151.15
2703.00	22.08	153.18	2570.14	718.52	-630.05	345.80	1.77	718.71	151.24
2766.00	21.88	153.64	2628.56	742.09	-651.13	356.35	0.42	742.27	151.31
2828.00	22.12	152.77	2686.05	765.32	-671.86	366.82	0.65	765.48	151.37
2892.00	22.26	155.27	2745.31	789.48	-693.59	377.41	1.49	789.62	151.45
2954.00	22.01	155.80	2802.74	812.81	-714.85	387.08	0.52	812.93	151.56
3015.00	21.16	154.63	2859.46	835.22	-735.23	396.49	1.56	835.32	151.66
3078.00	20.43	155.84	2918.35	857.56	-755.53	405.86	1.34	857.64	151.76
3141.00	20.34	154.26	2977.41	879.48	-775.43	415.12	0.89	879.55	151.84
3204.00	20.00	153.71	3036.55	901.20	-794.95	424.64	0.62	901.26	151.89
3267.00	19.60	154.39	3095.82	922.53	-814.14	433.98	0.73	922.58	151.94
3331.00	19.94	154.82	3156.05	944.17	-833.69	443.26	0.58	944.21	152.00

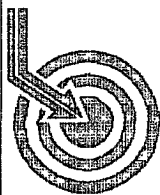


Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 11/26/2007	Time: 14:40:52	Page: 2
Field: San Juan	Co-ordinate(NE) Reference:	Site: San Juan County, NM, Grid North	
Site: San Juan County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #156G	Section (VS) Reference:	Well (0.00N,0.00E,152.55Azi)	
Wellpath: DH - Job #33D1007903	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
3394.00	21.28	155.78	3215.02	966.31	-853.84	452.53	2.19	966.35	152.08
3455.00	21.36	155.07	3271.84	988.46	-874.01	461.75	0.44	988.49	152.15
3518.00	19.32	155.38	3330.91	1010.34	-893.89	470.93	3.24	1010.35	152.22
3582.00	17.56	155.39	3391.62	1030.56	-912.30	479.36	2.75	1030.57	152.28
3646.00	16.60	152.91	3452.80	1049.34	-929.21	487.54	1.88	1049.35	152.31
3710.00	15.71	152.10	3514.27	1067.15	-945.01	495.76	1.43	1067.16	152.32
3773.00	15.94	147.80	3574.89	1084.30	-959.87	504.36	1.90	1084.31	152.28
3835.00	15.49	147.30	3634.57	1101.03	-974.04	513.37	0.76	1101.05	152.21
3898.00	14.74	151.58	3695.39	1117.42	-988.17	521.73	2.13	1117.44	152.17
3961.00	15.55	152.75	3756.20	1133.88	-1002.72	529.41	1.37	1133.90	152.17
4024.00	17.22	153.91	3816.64	1151.65	-1018.61	537.38	2.70	1151.67	152.19
4086.00	15.71	154.10	3876.10	1169.21	-1034.40	545.08	2.44	1169.23	152.21
4150.00	14.75	154.06	3937.85	1186.02	-1049.52	552.43	1.50	1186.04	152.24
4210.00	12.89	154.85	3996.11	1200.34	-1062.45	558.62	3.12	1200.36	152.27
4273.00	10.52	151.72	4057.80	1213.12	-1073.88	564.33	3.89	1213.13	152.28
4335.00	8.60	155.99	4118.93	1223.40	-1083.10	568.90	3.30	1223.42	152.29
4399.00	8.24	154.75	4182.24	1232.76	-1091.62	572.80	0.63	1232.77	152.31
4461.00	7.16	154.07	4243.68	1241.07	-1099.11	576.39	1.75	1241.07	152.33
4521.00	5.92	159.75	4303.29	1247.87	-1105.38	579.09	2.33	1247.88	152.35
4586.00	4.45	158.25	4368.02	1253.71	-1110.86	581.19	2.27	1253.71	152.38
4649.00	3.52	163.58	4430.87	1258.04	-1114.99	582.64	1.59	1258.04	152.41
4712.00	2.03	183.50	4493.80	1260.89	-1117.96	583.12	2.78	1260.90	152.45



**Scientific
Drilling**

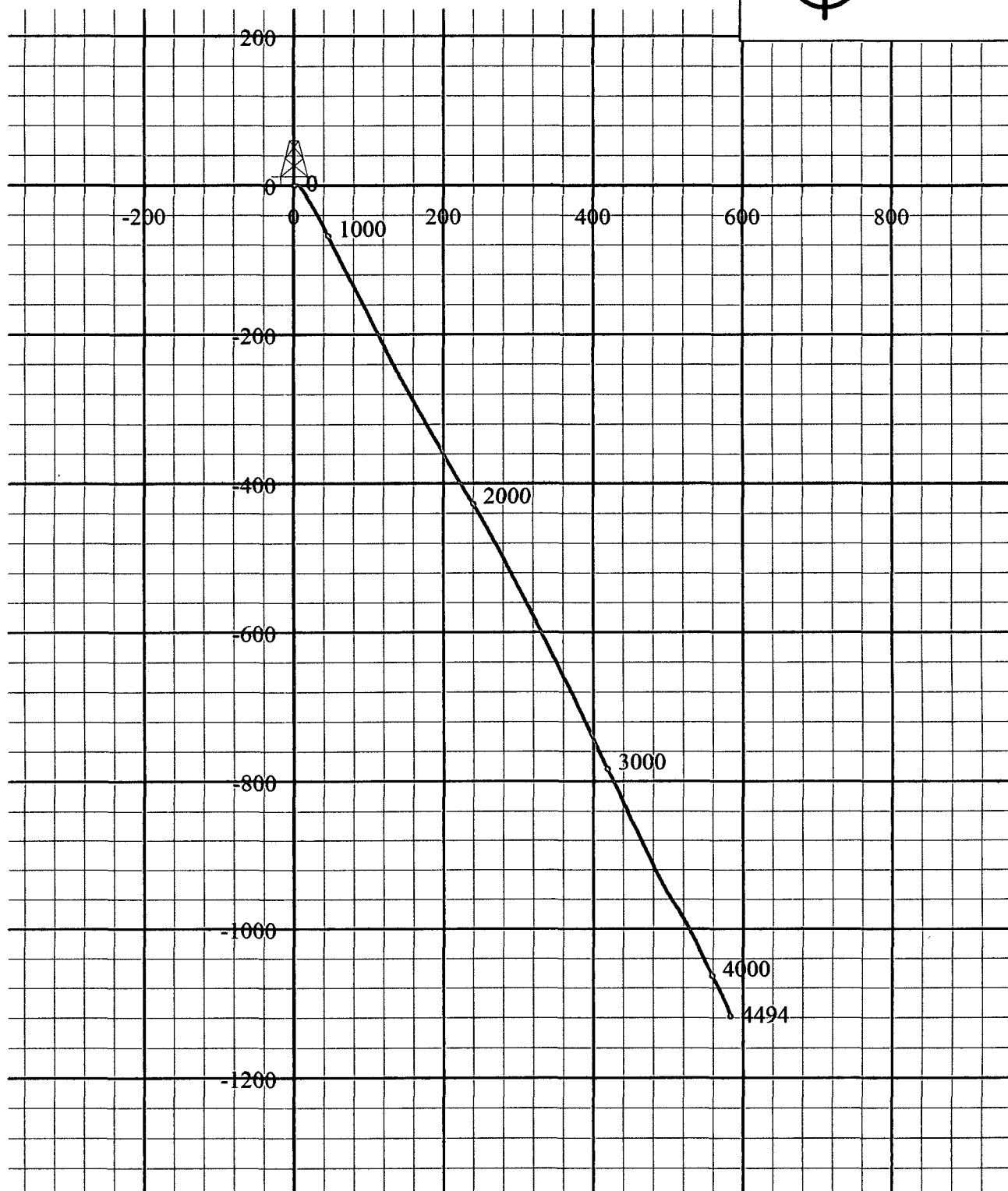
Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #156G
Wellpath: DH - Job #33D1007903
Survey: 10/08/07-10/12/07



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/22/2007
Model: igrf2000

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



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