

RCVD FEB 14 '08
OIL CONS. DIV.

DIST. 3

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
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

AS DRILLED PLAT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30262		*Pool Code 72319 / 71599		*Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code 31739		*Property Name SAN JUAN 28-7 UNIT			*Well Number 159G
*OGRID No. 217817		*Operator Name CONOCOPHILLIPS COMPANY			*Elevation 6805'

¹⁰ Surface Location

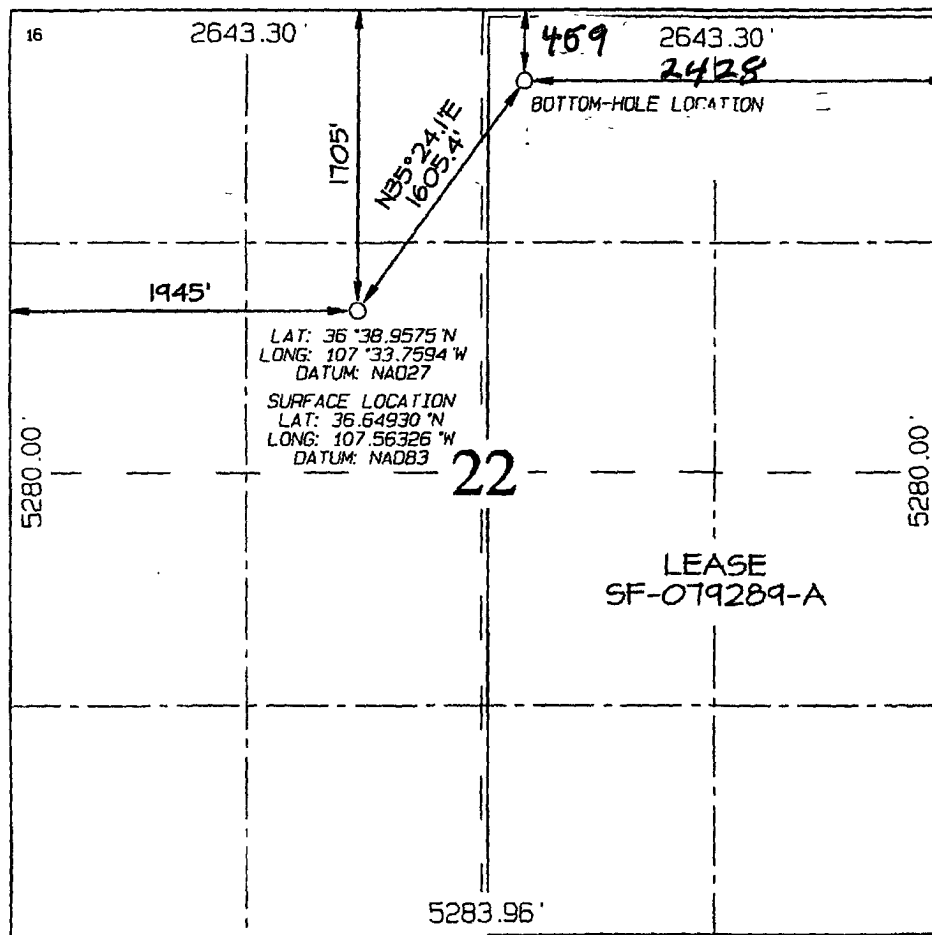
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
F	22	28N	7W		1705	NORTH	1945	WEST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
B	22	28N	7W		459	NORTH	2428	EAST	RIO ARriba

¹² Dedicated Acres 320.0 Acres - W/2 (MV) 320.0 Acres - W/2 (DK)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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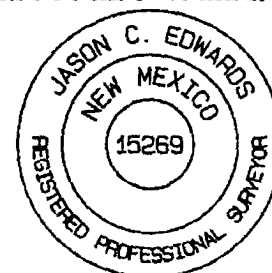
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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.

Tracey N. Monroe 2/14/08
Signature _____ Date _____
Printed Name **Tracey N. Monroe**

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: **JULY 6, 2006**
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #159G	API / UWI 3003930262	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:22;TWN:028N;RNG:007W	N/S Dist (ft) 1,705.00	N/S Ref FNL	E/W Dist (ft) 1,945.00	E/W Ref W

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
9/27/2007	114.00	0.75	Incl	MO-TE
9/27/2007	214.00	1.50	Incl	MO-TE
9/27/2007	254.00	1.00	Incl	MO-TE
9/27/2007	345.00	1.75	Incl	MO-TE
10/2/2007	398.00	1.61	MWD	Scientific Drilling
10/2/2007	459.00	1.19	MWD	Scientific Drilling
10/2/2007	519.00	1.89	MWD	Scientific Drilling
10/2/2007	581.00	3.45	MWD	Scientific Drilling
10/2/2007	643.00	5.97	MWD	Scientific Drilling
10/2/2007	703.00	8.04	MWD	Scientific Drilling
10/2/2007	765.00	9.01	MWD	Scientific Drilling
10/2/2007	827.00	9.65	MWD	Scientific Drilling
10/2/2007	889.00	10.97	MWD	Scientific Drilling
10/2/2007	951.00	12.29	MWD	Scientific Drilling
10/2/2007	1,013.00	13.46	MWD	Scientific Drilling
10/2/2007	1,075.00	14.28	MWD	Scientific Drilling
10/3/2007	1,137.00	16.08	MWD	Scientific Drilling
10/3/2007	1,199.00	16.92	MWD	Scientific Drilling
10/3/2007	1,261.00	18.18	MWD	Scientific Drilling
10/3/2007	1,323.00	19.01	MWD	Scientific Drilling
10/3/2007	1,387.00	19.44	MWD	Scientific Drilling
10/3/2007	1,450.00	19.71	MWD	Scientific Drilling
10/3/2007	1,514.00	20.52	MWD	Scientific Drilling
10/3/2007	1,578.00	21.79	MWD	Scientific Drilling
10/3/2007	1,641.00	23.08	MWD	Scientific Drilling
10/3/2007	1,705.00	23.83	MWD	Scientific Drilling
10/3/2007	1,769.00	23.64	MWD	Scientific Drilling
10/3/2007	1,833.00	24.31	MWD	Scientific Drilling
10/3/2007	1,896.00	24.38	MWD	Scientific Drilling
10/3/2007	1,960.00	24.10	MWD	Scientific Drilling
10/3/2007	2,024.00	25.15	MWD	Scientific Drilling
10/3/2007	2,088.00	26.01	MWD	Scientific Drilling
10/3/2007	2,150.00	25.62	MWD	Scientific Drilling
10/3/2007	2,213.00	24.08	MWD	Scientific Drilling
10/3/2007	2,277.00	23.48	MWD	Scientific Drilling
10/3/2007	2,340.00	23.86	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.

JAM Delmonico

Subscribed and sworn to me this 12TH DAY OF FEBRUARY 2008

RCVD FEB 14 '08

OIL CONS. DIV.

DIST. 3

Jucy V. Memon

Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011

COP Deviation Report

SAN JUAN 28-7 UNIT #159G

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
10/3/2007	2,404.00	24.66	MWD	Scientific Drilling	
10/3/2007	2,469.00	25.27	MWD	Scientific Drilling	
10/3/2007	2,532.00	26.51	MWD	Scientific Drilling	
10/3/2007	2,595.00	24.98	MWD	Scientific Drilling	
10/3/2007	2,659.00	25.29	MWD	Scientific Drilling	
10/3/2007	2,723.00	26.23	MWD	Scientific Drilling	
10/3/2007	2,787.00	26.37	MWD	Scientific Drilling	
10/3/2007	2,850.00	26.35	MWD	Scientific Drilling	
10/3/2007	2,914.00	25.56	MWD	Scientific Drilling	
10/3/2007	2,978.00	24.35	MWD	Scientific Drilling	
10/3/2007	3,041.00	24.29	MWD	Scientific Drilling	
10/3/2007	3,105.00	24.55	MWD	Scientific Drilling	
10/4/2007	3,169.00	24.70	MWD	Scientific Drilling	
10/4/2007	3,232.00	24.55	MWD	Scientific Drilling	
10/4/2007	3,296.00	25.44	MWD	Scientific Drilling	
10/4/2007	3,360.00	25.11	MWD	Scientific Drilling	
10/4/2007	3,423.00	23.65	MWD	Scientific Drilling	
10/4/2007	3,487.00	23.30	MWD	Scientific Drilling	
10/4/2007	3,551.00	23.11	MWD	Scientific Drilling	
10/4/2007	3,614.00	22.72	MWD	Scientific Drilling	
10/4/2007	3,678.00	21.62	MWD	Scientific Drilling	
10/4/2007	3,742.00	22.10	MWD	Scientific Drilling	
10/4/2007	3,805.00	24.85	MWD	Scientific Drilling	
10/4/2007	3,869.00	25.02	MWD	Scientific Drilling	
10/4/2007	3,933.00	23.64	MWD	Scientific Drilling	
10/4/2007	3,996.00	22.65	MWD	Scientific Drilling	
10/4/2007	4,060.00	21.99	MWD	Scientific Drilling	
10/4/2007	4,124.00	21.60	MWD	Scientific Drilling	
10/4/2007	4,188.00	22.53	MWD	Scientific Drilling	
10/4/2007	4,251.00	22.29	MWD	Scientific Drilling	
10/4/2007	4,315.00	20.13	MWD	Scientific Drilling	
10/4/2007	4,379.00	18.34	MWD	Scientific Drilling	
10/5/2007	4,443.00	18.88	MWD	Scientific Drilling	
10/5/2007	4,507.00	16.71	MWD	Scientific Drilling	
10/5/2007	4,570.00	14.82	MWD	Scientific Drilling	
10/5/2007	4,634.00	12.29	MWD	Scientific Drilling	
10/5/2007	4,698.00	10.68	MWD	Scientific Drilling	
10/5/2007	4,761.00	11.47	MWD	Scientific Drilling	
10/5/2007	4,825.00	12.25	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 _____

Survey Data

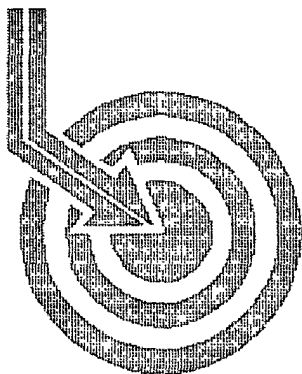
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/5/2007	4,889.00	11.10	MWD	Scientific Drilling
10/5/2007	4,953.00	8.89	MWD	Scientific Drilling
10/5/2007	5,017.00	6.48	MWD	Scientific Drilling
10/5/2007	5,080.00	5.18	MWD	Scientific Drilling
10/5/2007	5,144.00	3.61	MWD	Scientific Drilling
10/5/2007	5,208.00	2.55	MWD	Scientific Drilling
10/5/2007	5,244.00	1.85	MWD	Scientific Drilling
10/5/2007	5,299.00	0.78	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

RCVD FEB 14 '08

OIL CONS. DIV.

DIST. 3

CONOCOPHILLIPS

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #159G
Wellpath: DH - Job #33D1007879
Survey: 10/01/07-10/06/07

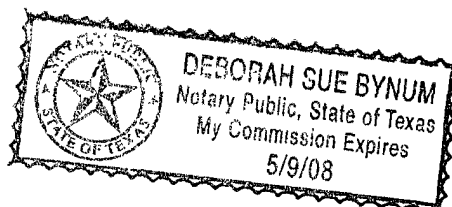
This survey is correct to the best of my knowledge
and is supported by actual field data.

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

Notorized this date 18th of October, 2007.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 10/18/2007	Time: 10:43:36	Page: 1
Field: San Juan	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #159G	Section (VS) Reference:	Well (0.00N,0.00E,35.56Azi)	
Wellpath: DH - Job #33D1007879	Survey Calculation Method:	Minimum Curvature	
		Db: Sybase	

Survey: 10/01/07-10/06/07	Start Date: 10/01/2007
E-field 0'-5244'	
Company: Scientific Drilling Internatio	Engineer: Vestal/Gillespie/Geiser/Lockar
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	CISA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
398.00	1.61	306.94	397.95	0.13	3.36	-4.47	0.40	5.59	306.94
458.00	1.19	326.63	457.93	0.38	4.39	-5.49	1.05	7.02	308.65
519.00	1.89	40.62	518.91	1.61	5.68	-5.18	3.17	7.69	317.64
581.00	3.45	49.68	580.84	4.44	7.66	-3.09	2.60	8.26	338.03
643.00	5.97	48.00	642.63	9.40	11.03	0.73	4.07	11.05	3.78
703.00	8.04	44.68	702.18	16.59	16.10	6.00	3.51	17.18	20.43
765.00	9.01	44.47	763.49	25.66	22.65	12.45	1.57	25.84	28.79
827.00	9.65	41.74	824.67	35.63	29.99	19.31	1.25	35.67	32.77
889.00	10.97	39.71	885.67	46.68	38.41	26.54	2.21	46.68	34.64
951.00	12.29	35.53	946.40	59.16	48.31	34.14	2.52	59.16	35.25
1013.00	13.46	34.32	1006.84	72.97	59.64	42.04	1.94	72.97	35.18
1075.00	14.28	37.72	1067.03	87.83	71.65	50.79	1.86	87.83	35.33
1137.00	16.08	37.99	1126.86	104.05	84.47	60.76	2.91	104.05	35.73
1199.00	16.92	38.38	1186.31	121.64	98.31	71.64	1.37	121.64	36.08
1261.00	18.18	37.29	1245.42	140.32	113.08	83.10	2.10	140.33	36.31
1323.00	19.01	37.06	1304.19	160.08	128.83	95.05	1.34	160.10	36.42
1387.00	19.44	35.79	1364.62	181.15	145.79	107.56	0.94	181.17	36.42
1450.00	19.71	35.20	1423.98	202.26	162.97	119.82	0.53	202.28	36.32
1514.00	20.52	34.00	1484.07	224.26	181.09	132.31	1.42	224.28	36.15
1578.00	21.79	33.64	1543.76	247.35	200.28	145.16	1.99	247.36	35.93
1641.00	23.08	32.35	1601.99	271.37	220.45	158.25	2.19	271.37	35.67
1705.00	23.83	33.94	1660.70	296.82	241.77	172.18	1.53	296.82	35.46
1769.00	23.64	34.21	1719.29	322.57	263.11	186.61	0.34	322.57	35.35
1833.00	24.31	37.54	1777.77	348.56	284.17	201.85	2.36	348.56	35.39
1896.00	24.38	37.87	1835.17	374.52	304.72	217.74	0.24	374.52	35.55
1960.00	24.10	37.79	1893.52	400.77	325.47	233.85	0.44	400.77	35.70
2024.00	25.14	38.09	1951.70	427.41	346.50	250.25	1.64	427.41	35.84
2088.00	26.01	37.19	2009.43	455.02	368.37	267.12	1.49	455.03	35.95
2150.00	25.62	36.85	2065.25	482.01	389.93	283.37	0.67	482.02	36.01
2213.00	24.08	36.73	2122.41	508.48	411.13	299.23	2.45	508.50	36.05
2277.00	23.48	35.92	2180.98	534.28	431.92	314.52	1.07	534.30	36.06
2340.00	23.86	35.83	2238.68	559.57	452.42	329.34	0.61	559.59	36.05
2404.00	24.66	36.22	2297.03	585.87	473.68	344.80	1.27	585.89	36.05
2469.00	25.27	36.87	2355.95	613.30	495.72	361.14	1.03	613.32	36.07
2532.00	26.51	37.32	2412.63	640.79	517.66	377.73	1.99	640.83	36.12
2595.00	24.98	37.29	2469.37	668.15	539.43	394.32	2.43	668.18	36.17
2659.00	25.29	37.18	2527.31	695.32	561.07	410.77	0.49	695.36	36.21
2723.00	26.23	36.76	2584.95	723.12	583.29	427.49	1.50	723.18	36.24
2787.00	26.37	36.28	2642.33	751.48	606.08	444.37	0.40	751.53	36.25
2850.00	26.35	34.52	2698.78	779.45	628.88	460.57	1.24	779.50	36.22
2914.00	25.56	33.47	2756.32	807.45	652.10	476.23	1.43	807.49	36.14
2978.00	24.35	33.31	2814.35	834.43	674.65	491.10	1.89	834.46	36.05
3041.00	24.29	33.93	2871.76	860.36	696.25	505.46	0.42	860.38	35.98
3105.00	24.55	35.06	2930.03	886.81	718.06	520.45	0.84	886.83	35.93
3169.00	24.70	36.39	2988.21	913.48	739.70	536.02	0.90	913.50	35.93
3232.00	24.55	35.52	3045.48	939.73	760.95	551.43	0.62	939.75	35.93
3296.00	25.44	35.45	3103.49	966.77	782.97	567.13	1.39	966.79	35.92
3360.00	25.11	35.98	3161.36	994.09	805.16	583.08	0.63	994.11	35.91

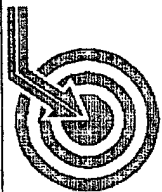


Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 10/18/2007	Time: 10:43:36	Page: 2
Field: San Juan	Co-ordinate(NE) Reference:	Site: Rio Arriba County, NM, Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 28-7 #159G	Section (VS) Reference:	Well (0.00N,0.00E,35.56Azi)	
Wellpath: DH - Job #33D1007879	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey

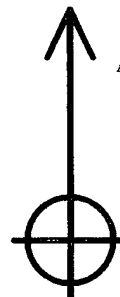
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3423.00	23.65	35.77	3218.74	1020.10	826.23	598.32	2.32	1020.12	35.91
3487.00	23.30	36.23	3277.44	1045.59	846.85	613.30	0.62	1045.61	35.91
3551.00	23.11	34.21	3336.27	1070.80	867.45	627.85	1.28	1070.82	35.90
3614.00	22.72	34.36	3394.29	1095.33	887.72	641.66	0.63	1095.34	35.86
3678.00	21.62	34.90	3453.56	1119.48	907.59	655.38	1.75	1119.49	35.83
3742.00	22.10	38.96	3512.96	1143.28	926.63	669.70	2.48	1143.30	35.86
3805.00	24.85	43.17	3570.75	1168.24	945.50	686.21	5.11	1168.27	35.97
3869.00	25.02	42.10	3628.78	1195.02	965.35	704.49	0.75	1195.08	36.12
3933.00	23.64	39.97	3687.10	1221.26	985.23	721.81	2.55	1221.34	36.23
3996.00	22.65	37.88	3745.03	1245.97	1004.48	737.37	2.04	1246.07	36.28
4060.00	21.99	36.59	3804.23	1270.27	1023.83	752.08	1.28	1270.37	36.30
4124.00	21.60	38.18	3863.66	1294.02	1042.71	766.50	1.11	1294.13	36.32
4188.00	22.53	39.46	3922.97	1318.02	1061.44	781.58	1.64	1318.15	36.37
4251.00	22.29	36.86	3981.21	1342.01	1080.32	796.42	1.62	1342.15	36.40
4315.00	20.13	36.80	4040.88	1365.15	1098.85	810.29	3.38	1365.30	36.41
4379.00	18.34	36.98	4101.30	1386.23	1115.71	822.95	2.80	1386.38	36.41
4443.00	18.88	37.10	4161.95	1406.65	1132.02	835.25	0.85	1406.81	36.42
4507.00	16.71	38.07	4222.89	1426.19	1147.52	847.17	3.42	1426.36	36.44
4570.00	14.82	36.38	4283.52	1443.30	1161.14	857.54	3.09	1443.47	36.45
4634.00	12.29	34.49	4345.73	1458.30	1173.34	866.25	4.01	1458.47	36.44
4698.00	10.68	35.10	4408.44	1471.04	1183.81	873.52	2.52	1471.20	36.42
4761.00	11.47	36.68	4470.27	1483.14	1193.61	880.62	1.34	1483.31	36.42
4825.00	12.25	34.21	4532.90	1496.29	1204.33	888.24	1.45	1496.45	36.41
4889.00	11.10	34.29	4595.58	1509.24	1215.03	895.52	1.80	1509.40	36.39
4953.00	8.89	31.85	4658.60	1520.33	1224.33	901.61	3.52	1520.48	36.37
5017.00	6.48	30.27	4722.03	1528.86	1231.65	906.04	3.78	1529.01	36.34
5080.00	5.18	33.95	4784.70	1535.25	1237.08	909.42	2.15	1535.38	36.32
5144.00	3.61	31.74	4848.51	1540.15	1241.19	912.09	2.47	1540.28	36.31
5208.00	2.55	15.09	4912.42	1543.49	1244.28	913.52	2.15	1543.61	36.29
5244.00	1.85	1.38	4948.39	1544.72	1245.63	913.74	2.42	1544.84	36.26



Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 28-7 #159G
Wellpath: DH - Job #33D1007879
Survey: 10/01/07-10/06/07

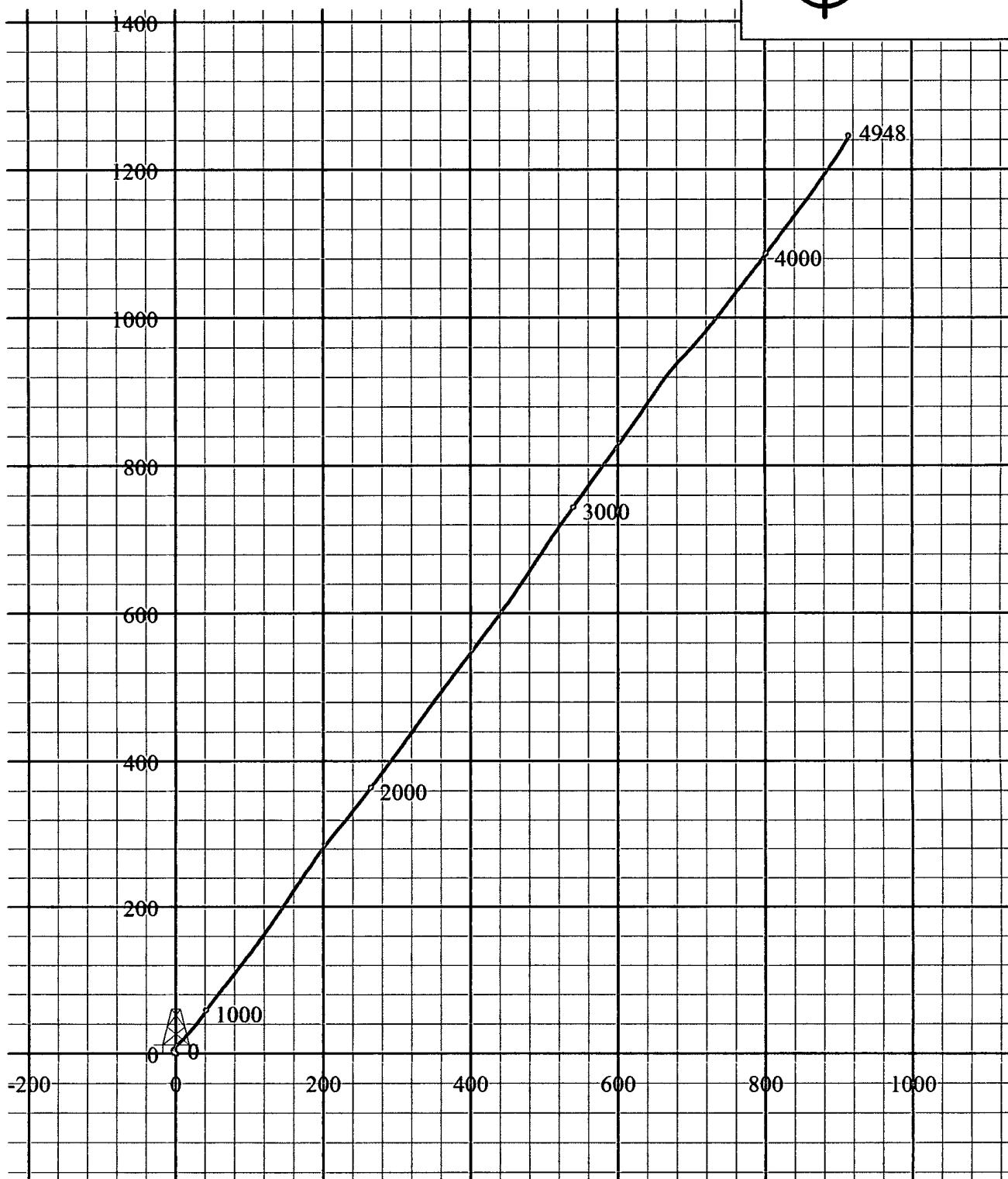
G/T/M



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/18/2007
Model: igrf2000

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



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