

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

"AS DRILLED PLAT"

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RCVD JAN 25 '08

☐ AMENDED REPORT

OIL CONS. DIV.

DIST 3

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30269		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 31739	*Property Name SAN JUAN 28-7 UNIT		*Well Number 247F
*OGRID No. 217817	*Operator Name CONOCOPHILLIPS COMPANY		*Elevation 6581'

¹⁰ Surface Location

UL or lot no. P	Section 10	Township 28N	Range 7W	Lot Idn	Feet from the 970	North/South line SOUTH	Feet from the 845	East/West line EAST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L	Section 11	Township 28N	Range 7W	Lot Idn	Feet from the 749	North/South line North	Feet from the 160'	East/West line WEST	County RIO ARriba
¹² Dedicated Acres 292.80 Acres - (MV) 333.75 Acres - (DK)					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. R-2948-DK

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.

Tamra Sessions 1/21/08
Signature Date

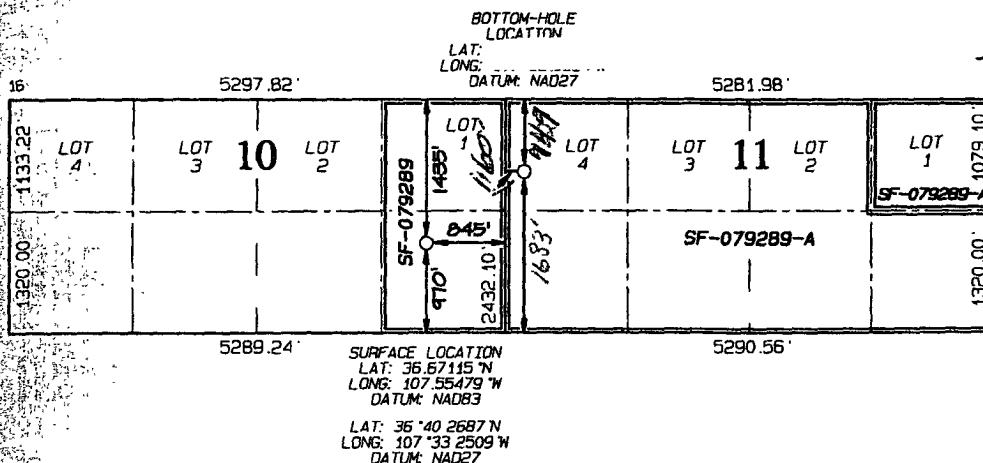
Tamra Sessions, Regulatory
Printed Name

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.

11-10-2006
Date of Survey
Signature and Seal of Professional Surveyor:

Jason C. Edwards
Certificate Number



COP Deviation Report
SAN JUAN 28-7 UNIT #247F

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/29/2007	2,487.00	24.60	MWD	Scientific Drilling
8/29/2007	2,551.00	25.99	MWD	Scientific Drilling
8/29/2007	2,615.00	26.29	MWD	Scientific Drilling
8/29/2007	2,678.00	26.95	MWD	Scientific Drilling
8/29/2007	2,742.00	26.19	MWD	Scientific Drilling
8/29/2007	2,806.00	26.03	MWD	Scientific Drilling
8/29/2007	2,870.00	25.88	MWD	Scientific Drilling
8/29/2007	2,934.00	25.67	MWD	Scientific Drilling
8/29/2007	2,997.00	25.17	MWD	Scientific Drilling
8/29/2007	3,061.00	23.92	MWD	Scientific Drilling
8/29/2007	3,125.00	22.38	MWD	Scientific Drilling
8/29/2007	3,189.00	21.12	MWD	Scientific Drilling
8/29/2007	3,252.00	20.33	MWD	Scientific Drilling
8/29/2007	3,316.00	19.19	MWD	Scientific Drilling
8/29/2007	3,380.00	19.71	MWD	Scientific Drilling
8/29/2007	3,444.00	18.86	MWD	Scientific Drilling
8/29/2007	3,508.00	18.35	MWD	Scientific Drilling
8/29/2007	3,571.00	20.25	MWD	Scientific Drilling
8/29/2007	3,635.00	19.42	MWD	Scientific Drilling
8/30/2007	3,699.00	17.33	MWD	Scientific Drilling
8/30/2007	3,763.00	16.08	MWD	Scientific Drilling
8/30/2007	3,826.00	15.48	MWD	Scientific Drilling
8/30/2007	3,890.00	14.60	MWD	Scientific Drilling
8/30/2007	3,959.00	13.09	MWD	Scientific Drilling
8/30/2007	4,018.00	11.36	MWD	Scientific Drilling
8/30/2007	4,082.00	10.13	MWD	Scientific Drilling
8/30/2007	4,146.00	9.12	MWD	Scientific Drilling
8/30/2007	4,209.00	8.08	MWD	Scientific Drilling
8/30/2007	4,273.00	6.89	MWD	Scientific Drilling
8/30/2007	4,337.00	6.31	MWD	Scientific Drilling
8/30/2007	4,401.00	4.51	MWD	Scientific Drilling
8/30/2007	4,428.00	3.50	MWD	Scientific Drilling
8/31/2007	4,490.00	3.00	Incl	RIG
8/30/2007	4,490.00	3.00	MWD	Scientific Drilling
9/8/2007	7,979.00	1.50	FINAL BHS	PHOENIX

RCVD JAN 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.

Tom Palermo

Subscribed and sworn to me this 1-24-08

Charles S. Rogers

Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011



COP Deviation Report
SAN JUAN 28-7 UNIT #247F

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 28-7 UNIT #247F	API / UWI 3003930269	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:11;TWN:028N;RNG:007W	N/S Dist (ft) 970.00	N/S Ref S	E/W Dist (ft) 845.00	E/W Ref E

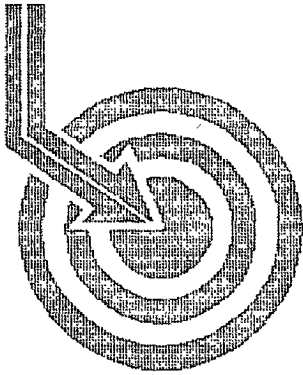
Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
8/26/2007	97.00	0.75	Incl	RIG
8/26/2007	190.00	1.00	Incl	RIG
8/26/2007	316.00	2.00	Incl	RIG
8/26/2007	379.00	1.25	Incl	RIG
8/26/2007	445.00	1.00	Incl	RIG
8/28/2007	521.00	1.31	MWD	Scientific Drilling
8/28/2007	581.00	0.51	MWD	Scientific Drilling
8/28/2007	643.00	2.17	MWD	Scientific Drilling
8/28/2007	703.00	4.58	MWD	Scientific Drilling
8/28/2007	767.00	7.07	MWD	Scientific Drilling
8/28/2007	831.00	8.77	MWD	Scientific Drilling
8/28/2007	893.00	10.96	MWD	Scientific Drilling
8/28/2007	957.00	12.72	MWD	Scientific Drilling
8/28/2007	1,020.00	14.03	MWD	Scientific Drilling
8/28/2007	1,084.00	16.57	MWD	Scientific Drilling
8/28/2007	1,148.00	18.22	MWD	Scientific Drilling
8/28/2007	1,212.00	19.97	MWD	Scientific Drilling
8/28/2007	1,276.00	22.07	MWD	Scientific Drilling
8/28/2007	1,339.00	22.67	MWD	Scientific Drilling
8/28/2007	1,403.00	23.22	MWD	Scientific Drilling
8/28/2007	1,467.00	24.30	MWD	Scientific Drilling
8/28/2007	1,531.00	24.45	MWD	Scientific Drilling
8/28/2007	1,595.00	24.43	MWD	Scientific Drilling
8/28/2007	1,658.00	24.28	MWD	Scientific Drilling
8/28/2007	1,722.00	24.03	MWD	Scientific Drilling
8/28/2007	1,786.00	24.93	MWD	Scientific Drilling
8/28/2007	1,850.00	24.80	MWD	Scientific Drilling
8/28/2007	1,913.00	24.82	MWD	Scientific Drilling
8/28/2007	1,977.00	24.12	MWD	Scientific Drilling
8/29/2007	2,041.00	24.16	MWD	Scientific Drilling
8/29/2007	2,105.00	24.87	MWD	Scientific Drilling
8/29/2007	2,168.00	24.55	MWD	Scientific Drilling
8/29/2007	2,232.00	24.27	MWD	Scientific Drilling
8/29/2007	2,296.00	23.81	MWD	Scientific Drilling
8/29/2007	2,360.00	24.12	MWD	Scientific Drilling
8/29/2007	2,424.00	24.10	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 JAN 25 '08
OIL CONS. DIV.

DIST. 3

CONOCOPHILLIPS

Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #247F
Wellpath: DH - Job #33D0807739
Survey: 08/27/07-08/30/07

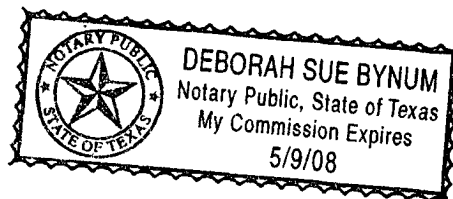
1-30-08

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

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

Notorized this date 8th of October, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 10/08/2007	Time: 11:29:43	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 #247F	Section (VS) Reference: Well (0.00N,0.00E,55.31Azi)		
Wellpath: DH - Job #33D0807739	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 08/27/07-08/30/07	Start Date: 08/27/2007
Company: Scientific Drilling Internatio	Engineer: Vestal/Gillespie/Kelly/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
521.00	1.31	214.52	520.95	-5.57	-4.91	-3.38	0.25	5.96	214.52
581.00	0.51	123.44	580.95	-6.11	-5.62	-3.54	2.36	6.64	212.22
643.00	2.17	64.12	642.93	-4.85	-5.26	-2.25	3.16	5.72	203.20
703.00	4.58	55.45	702.82	-1.33	-3.40	0.74	4.09	3.48	167.72
767.00	7.07	57.77	766.49	5.16	0.15	6.18	3.91	6.18	88.65
831.00	8.77	59.82	829.88	13.96	4.70	13.73	2.69	14.51	71.10
893.00	10.96	61.55	890.95	24.53	9.88	23.00	3.56	25.03	66.74
957.00	12.72	60.67	953.59	37.60	16.23	34.49	2.76	38.12	64.79
1020.00	14.03	55.02	1014.88	52.14	24.01	46.79	2.93	52.60	62.84
1084.00	16.57	53.91	1076.61	69.03	33.84	60.53	3.99	69.34	60.79
1148.00	18.22	53.98	1137.68	88.15	45.09	76.00	2.58	88.37	59.32
1212.00	19.97	54.90	1198.16	109.09	57.26	93.03	2.77	109.24	58.39
1276.00	22.07	53.23	1257.90	132.03	70.75	111.61	3.41	132.14	57.63
1339.00	22.67	52.94	1316.15	155.99	85.15	130.78	0.97	156.05	56.93
1403.00	23.22	53.24	1375.09	180.92	100.13	150.73	0.88	180.96	56.40
1467.00	24.30	54.66	1433.67	206.70	115.30	171.58	1.91	206.72	56.10
1531.00	24.45	53.47	1491.96	233.11	130.80	192.96	0.80	233.12	55.87
1595.00	24.43	51.67	1550.23	259.55	146.89	213.99	1.16	259.55	55.53
1658.00	24.28	51.49	1607.62	285.48	163.04	234.34	0.27	285.48	55.17
1722.00	24.03	51.76	1666.02	311.61	179.30	254.87	0.43	311.62	54.87
1786.00	24.93	51.57	1724.26	338.08	195.75	275.68	1.41	338.10	54.62
1850.00	24.80	52.57	1782.33	364.95	212.29	296.90	0.69	364.99	54.43
1913.00	24.82	52.41	1839.52	391.35	228.38	317.87	0.11	391.41	54.30
1977.00	24.12	52.14	1897.77	417.82	244.60	338.84	1.11	417.90	54.17
2041.00	24.16	53.07	1956.17	443.96	260.50	359.63	0.60	444.07	54.08
2105.00	24.87	54.36	2014.40	470.51	276.21	381.04	1.39	470.62	54.06
2168.00	24.55	53.63	2071.63	496.84	291.69	402.34	0.70	496.96	54.06
2232.00	24.27	54.17	2129.91	523.28	307.27	423.71	0.56	523.40	54.05
2296.00	23.81	53.63	2188.36	549.34	322.63	444.78	0.80	549.48	54.04
2360.00	24.12	55.60	2246.84	575.33	337.68	465.97	1.34	575.47	54.07
2424.00	24.10	57.10	2305.26	601.47	352.17	487.73	0.96	601.59	54.17
2487.00	24.60	57.99	2362.66	627.42	366.11	509.65	0.98	627.52	54.31
2551.00	25.99	57.34	2420.52	654.75	380.74	532.76	2.21	654.82	54.45
2615.00	26.29	58.25	2477.97	682.91	395.76	556.61	0.78	682.97	54.59
2678.00	26.95	57.40	2534.30	711.11	410.80	580.50	1.21	711.15	54.71
2742.00	26.19	57.93	2591.54	739.72	426.11	604.69	1.24	739.74	54.83
2806.00	26.03	56.96	2649.01	767.86	441.26	628.43	0.71	767.88	54.92
2870.00	25.88	55.99	2706.55	795.87	456.73	651.78	0.70	795.88	54.98
2934.00	25.67	55.90	2764.18	823.69	472.32	674.84	0.33	823.71	55.01
2997.00	25.17	54.46	2821.08	850.73	487.75	697.04	1.26	850.75	55.02
3061.00	23.92	54.48	2879.30	877.32	503.20	718.68	1.95	877.33	55.00
3125.00	22.38	52.95	2938.14	902.47	518.08	738.96	2.58	902.48	54.97
3189.00	21.12	53.11	2997.59	926.16	532.35	757.91	1.97	926.18	54.92
3252.00	20.33	52.78	3056.51	948.44	545.78	775.70	1.27	948.47	54.87
3316.00	19.19	57.95	3116.75	970.05	558.09	793.47	3.26	970.08	54.88
3380.00	19.71	57.22	3177.09	991.35	569.51	811.46	0.90	991.37	54.94
3444.00	18.86	56.56	3237.50	1012.48	581.06	829.17	1.37	1012.49	54.98
3508.00	18.35	54.65	3298.16	1032.89	592.59	846.02	1.24	1032.91	54.99



Scientific Drilling International

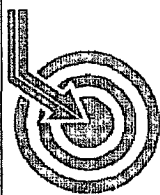
Survey Report

Company: CONOCOPHILLIPS
Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #247F
Wellpath: DH - Job #33D0807739

Date: 10/08/2007 Time: 11:29:43 Page: 2
Co-ordinate(NE) Reference: Site: San Juan County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,55.31Azi)
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
3571.00	20.25	53.24	3357.61	1053.71	604.85	862.84	3.11	1053.72	54.97
3635.00	19.42	53.48	3417.82	1075.41	617.81	880.26	1.30	1075.43	54.94
3699.00	17.33	52.76	3478.55	1095.57	629.91	896.41	3.28	1095.60	54.90
3763.00	16.08	52.12	3539.85	1113.94	641.12	910.99	1.97	1113.98	54.86
3826.00	15.48	51.01	3600.47	1131.04	651.77	924.41	1.07	1131.08	54.81
3890.00	14.60	50.35	3662.28	1147.59	662.29	937.26	1.40	1147.64	54.75
3959.00	13.09	51.38	3729.27	1164.05	672.72	950.06	2.22	1164.12	54.70
4018.00	11.36	50.18	3786.93	1176.50	680.61	959.75	2.96	1176.58	54.66
4082.00	10.13	50.17	3849.81	1188.39	688.25	968.91	1.92	1188.48	54.61
4146.00	9.12	51.26	3912.91	1199.05	695.03	977.19	1.60	1199.15	54.58
4209.00	8.08	51.97	3975.20	1208.45	700.88	984.57	1.66	1208.56	54.55
4273.00	6.89	54.83	4038.65	1216.78	705.86	991.25	1.95	1216.89	54.55
4337.00	6.31	58.94	4102.23	1224.13	709.89	997.40	1.17	1224.24	54.56
4401.00	4.51	69.56	4165.94	1230.08	712.58	1002.77	3.21	1230.18	54.60
4428.00	3.50	72.97	4192.88	1231.90	713.20	1004.56	3.84	1231.98	54.63



**Scientific
Drilling**

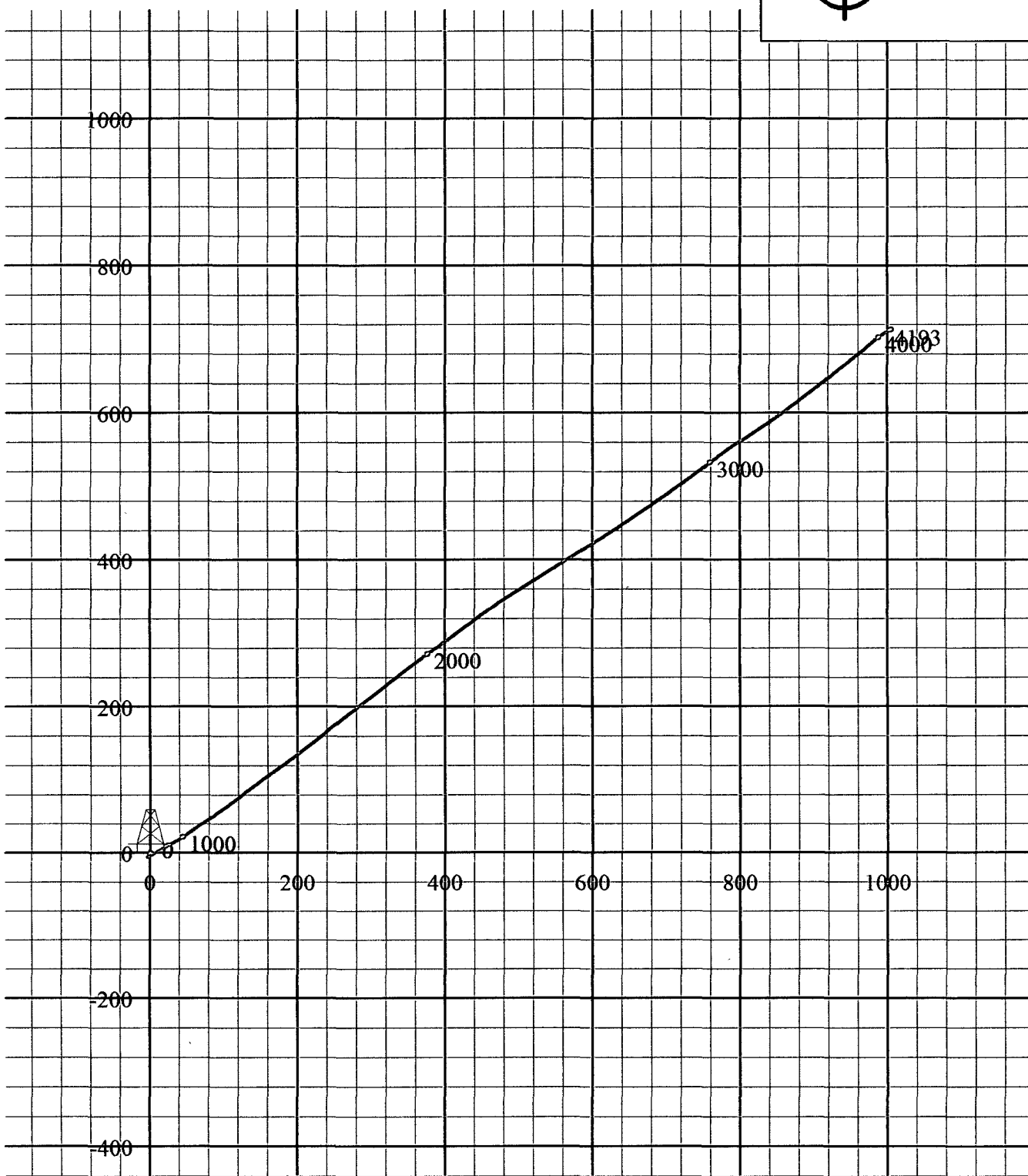
Field: San Juan
Site: San Juan County, NM
Well: San Juan 28-7 #247F
Wellpath: DH - Job #33D0807739
Survey: 08/27/07-08/30/07



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/07/2007
Model: igrf2000

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



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