

As Drilled Plat

RCVD APR 15 '08
OIL CONS. DIV.
DIST. 3

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 N. 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 OCT 1 2007
Energy, Minerals & Natural Resources Department
Bureau of Land Management
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-30385		Pool Code 72319	Pool Name BLANCO MESAVERDE
Property Code 31326	Property Name SAN JUAN 29-6 UNIT		Well Number 13C
GRID No. 217817	Operator Name CONOCOPHILLIPS COMPANY		Elevation 6784'

10 Surface Location

UL or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	7	29N	6W		350	NORTH	2615	EAST	RIO ARriba

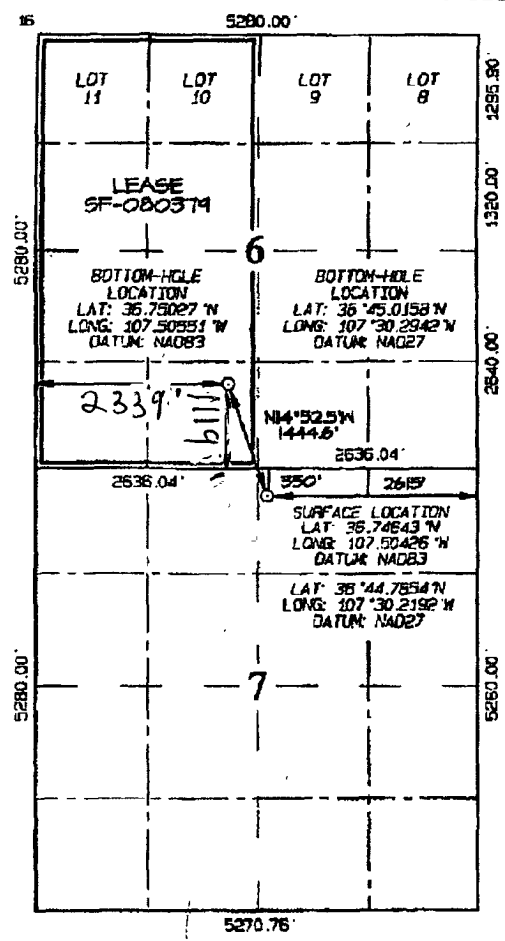
11 Bottom Hole Location If Different From Surface

UL or Lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	29N	6W		1119'	SOUTH	2339'	WEST	RIO ARriba

12 Dedicated Acres: 319.65 Acres - W/2
13 Joint or Infill: I
14 Correlation Code:
15 Order No.:

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

4/17/08



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: 4-14-08
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: May 17, 2007
Signature and Seal of Professional Surveyor:

Certificate Number: 15269

Survey Data					
Date	MD (ftKB)	Incl (°)	Method	Survey Company	
3/12/2008	5,851.04	1.60	Gyro MS	Scientific Drilling	
3/12/2008	5,875.63	1.56	Gyro MS	Scientific Drilling	
3/12/2008	5,900.44	1.35	Gyro MS	Scientific Drilling	
3/12/2008	5,925.38	1.51	Gyro MS	Scientific Drilling	
3/12/2008	5,951.41	1.30	Gyro MS	Scientific Drilling	
3/12/2008	5,976.17	1.60	Gyro MS	Scientific Drilling	
3/12/2008	6,000.46	1.42	Gyro MS	Scientific Drilling	
3/12/2008	6,025.25	1.67	Gyro MS	Scientific Drilling	
3/12/2008	6,051.44	1.48	Gyro MS	Scientific Drilling	
3/12/2008	6,075.12	1.65	Gyro MS	Scientific Drilling	
3/12/2008	6,100.02	1.46	Gyro MS	Scientific Drilling	
3/12/2008	6,125.92	1.23	Gyro MS	Scientific Drilling	
3/12/2008	6,150.78	1.27	Gyro MS	Scientific Drilling	
3/12/2008	6,175.73	1.24	Gyro MS	Scientific Drilling	
3/12/2008	6,200.94	1.37	Gyro MS	Scientific Drilling	
3/12/2008	6,226.00	1.20	Gyro MS	Scientific Drilling	
3/12/2008	6,250.81	1.39	Gyro MS	Scientific Drilling	
3/12/2008	6,276.12	1.24	Gyro MS	Scientific Drilling	
3/12/2008	6,300.45	1.41	Gyro MS	Scientific Drilling	
3/12/2008	6,325.56	1.19	Gyro MS	Scientific Drilling	
3/12/2008	6,350.07	1.47	Gyro MS	Scientific Drilling	
3/12/2008	6,375.69	1.25	Gyro MS	Scientific Drilling	
3/12/2008	6,400.00	1.37	Gyro MS	Scientific Drilling	

RCVD APR 15 '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.

Todd Palmer

Subscribed and sworn to me this 4-14-08

Shonda S. Rogers

Notary Public in and for San Juan County, New Mexico

My Commission expires January 10, 2011

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/12/2008	4,875.50	0.54	Gyro MS	Scientific Drilling
3/12/2008	4,901.00	0.54	Gyro MS	Scientific Drilling
3/12/2008	4,925.60	0.31	Gyro MS	Scientific Drilling
3/12/2008	4,950.70	0.25	Gyro MS	Scientific Drilling
3/12/2008	4,975.40	0.36	Gyro MS	Scientific Drilling
3/12/2008	5,000.60	0.12	Gyro MS	Scientific Drilling
3/12/2008	5,026.00	0.23	Gyro MS	Scientific Drilling
3/12/2008	5,050.20	0.13	Gyro MS	Scientific Drilling
3/12/2008	5,075.40	0.04	Gyro MS	Scientific Drilling
3/12/2008	5,100.50	0.27	Gyro MS	Scientific Drilling
3/12/2008	5,125.30	0.12	Gyro MS	Scientific Drilling
3/12/2008	5,151.00	0.46	Gyro MS	Scientific Drilling
3/12/2008	5,176.20	0.41	Gyro MS	Scientific Drilling
3/12/2008	5,200.30	0.70	Gyro MS	Scientific Drilling
3/12/2008	5,225.70	0.72	Gyro MS	Scientific Drilling
3/12/2008	5,250.40	0.89	Gyro MS	Scientific Drilling
3/12/2008	5,275.50	0.99	Gyro MS	Scientific Drilling
3/12/2008	5,300.70	0.79	Gyro MS	Scientific Drilling
3/12/2008	5,325.40	1.14	Gyro MS	Scientific Drilling
3/12/2008	5,350.60	1.00	Gyro MS	Scientific Drilling
3/12/2008	5,375.30	1.20	Gyro MS	Scientific Drilling
3/12/2008	5,400.90	1.43	Gyro MS	Scientific Drilling
3/12/2008	5,425.10	1.21	Gyro MS	Scientific Drilling
3/12/2008	5,450.30	1.57	Gyro MS	Scientific Drilling
3/12/2008	5,475.40	1.28	Gyro MS	Scientific Drilling
3/12/2008	5,500.50	1.62	Gyro MS	Scientific Drilling
3/12/2008	5,526.30	1.46	Gyro MS	Scientific Drilling
3/12/2008	5,550.40	1.42	Gyro MS	Scientific Drilling
3/12/2008	5,576.00	1.64	Gyro MS	Scientific Drilling
3/12/2008	5,600.80	1.34	Gyro MS	Scientific Drilling
3/12/2008	5,625.10	1.63	Gyro MS	Scientific Drilling
3/12/2008	5,650.20	1.54	Gyro MS	Scientific Drilling
3/12/2008	5,675.80	1.68	Gyro MS	Scientific Drilling
3/12/2008	5,701.00	1.71	Gyro MS	Scientific Drilling
3/12/2008	5,725.32	1.56	Gyro MS	Scientific Drilling
3/12/2008	5,750.93	1.65	Gyro MS	Scientific Drilling
3/12/2008	5,775.63	1.45	Gyro MS	Scientific Drilling
3/12/2008	5,800.56	1.54	Gyro MS	Scientific Drilling
3/12/2008	5,825.42	1.47	Gyro MS	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 _____

COP Deviation Report

SAN JUAN 29-6 UNIT #13C

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
3/12/2008	3,875.00	19.69	Gyro MS	Scientific Drilling
3/12/2008	3,900.30	8.60	Gyro MS	Scientific Drilling
3/12/2008	3,925.10	17.32	Gyro MS	Scientific Drilling
3/12/2008	3,950.40	16.70	Gyro MS	Scientific Drilling
3/12/2008	3,975.50	16.45	Gyro MS	Scientific Drilling
3/12/2008	4,000.60	16.73	Gyro MS	Scientific Drilling
3/12/2008	4,025.00	16.53	Gyro MS	Scientific Drilling
3/12/2008	4,050.40	15.78	Gyro MS	Scientific Drilling
3/12/2008	4,075.70	15.51	Gyro MS	Scientific Drilling
3/12/2008	4,100.90	14.91	Gyro MS	Scientific Drilling
3/12/2008	4,125.70	14.10	Gyro MS	Scientific Drilling
3/12/2008	4,150.00	13.65	Gyro MS	Scientific Drilling
3/12/2008	4,176.00	12.72	Gyro MS	Scientific Drilling
3/12/2008	4,200.70	11.84	Gyro MS	Scientific Drilling
3/12/2008	4,225.60	11.40	Gyro MS	Scientific Drilling
3/12/2008	4,250.60	10.59	Gyro MS	Scientific Drilling
3/12/2008	4,275.70	10.01	Gyro MS	Scientific Drilling
3/12/2008	4,300.60	9.41	Gyro MS	Scientific Drilling
3/12/2008	4,325.60	8.43	Gyro MS	Scientific Drilling
3/12/2008	4,350.20	8.01	Gyro MS	Scientific Drilling
3/12/2008	4,375.10	7.40	Gyro MS	Scientific Drilling
3/12/2008	4,400.10	6.64	Gyro MS	Scientific Drilling
3/12/2008	4,425.60	5.93	Gyro MS	Scientific Drilling
3/12/2008	4,450.60	5.46	Gyro MS	Scientific Drilling
3/12/2008	4,475.70	5.14	Gyro MS	Scientific Drilling
3/12/2008	4,500.10	4.58	Gyro MS	Scientific Drilling
3/12/2008	4,525.50	3.99	Gyro MS	Scientific Drilling
3/12/2008	4,550.20	3.55	Gyro MS	Scientific Drilling
3/12/2008	4,575.60	3.35	Gyro MS	Scientific Drilling
3/12/2008	4,600.40	3.04	Gyro MS	Scientific Drilling
3/12/2008	4,625.90	2.51	Gyro MS	Scientific Drilling
3/12/2008	4,650.60	2.10	Gyro MS	Scientific Drilling
3/12/2008	4,675.70	1.99	Gyro MS	Scientific Drilling
3/12/2008	4,726.40	1.58	Gyro MS	Scientific Drilling
3/12/2008	4,750.30	1.24	Gyro MS	Scientific Drilling
3/12/2008	4,775.40	1.24	Gyro MS	Scientific Drilling
3/12/2008	4,800.60	1.13	Gyro MS	Scientific Drilling
3/12/2008	4,825.20	0.85	Gyro MS	Scientific Drilling
3/12/2008	4,850.80	0.58	Gyro MS	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	
2/4/2008	2,477.00	29.64	MWD	Scientific Drilling	
2/4/2008	2,540.00	29.09	MWD	Scientific Drilling	
2/4/2008	2,604.00	29.20	MWD	Scientific Drilling	
2/5/2008	2,667.00	29.32	MWD	Scientific Drilling	
2/5/2008	2,730.00	30.48	MWD	Scientific Drilling	
2/5/2008	2,793.00	30.33	MWD	Scientific Drilling	
2/5/2008	2,856.00	29.91	MWD	Scientific Drilling	
2/5/2008	2,920.00	28.84	MWD	Scientific Drilling	
2/5/2008	2,984.00	29.51	MWD	Scientific Drilling	
2/5/2008	3,048.00	30.07	MWD	Scientific Drilling	
2/15/2008	3,112.00	30.19	MWD	Scientific Drilling	
2/5/2008	3,112.00	30.19	MWD	Scientific Drilling	
2/15/2008	3,175.00	30.18	MWD	Scientific Drilling	
2/5/2008	3,175.00	30.18	MWD	Scientific Drilling	
2/14/2008	3,212.00	29.79	MWD	Scientific Drilling	
2/15/2008	3,212.00	29.79	MWD	Scientific Drilling	
2/15/2008	3,234.00	28.96	MWD	Scientific Drilling	
2/14/2008	3,234.00	28.96	MWD	Scientific Drilling	
2/5/2008	3,240.00	28.86	MWD	Scientific Drilling	
2/5/2008	3,301.00	27.32	MWD	Scientific Drilling	
2/15/2008	3,340.00	26.65	MWD	Scientific Drilling	
2/5/2008	3,365.00	26.86	MWD	Scientific Drilling	
2/15/2008	3,404.00	26.28	MWD	Scientific Drilling	
2/5/2008	3,429.00	25.43	MWD	Scientific Drilling	
2/16/2008	3,467.00	27.61	MWD	Scientific Drilling	
2/6/2008	3,493.00	23.92	MWD	Scientific Drilling	
2/16/2008	3,529.00	28.44	MWD	Scientific Drilling	
2/6/2008	3,556.00	22.12	MWD	Scientific Drilling	
2/16/2008	3,593.00	28.01	MWD	Scientific Drilling	
2/6/2008	3,620.00	22.75	MWD	Scientific Drilling	
2/16/2008	3,657.00	24.86	MWD	Scientific Drilling	
2/6/2008	3,684.00	22.06	MWD	Scientific Drilling	
2/16/2008	3,721.00	21.46	MWD	Scientific Drilling	
2/6/2008	3,748.00	20.27	MWD	Scientific Drilling	
2/16/2008	3,774.00	20.76	MWD	Scientific Drilling	
2/16/2008	3,793.00	20.83	MWD	Scientific Drilling	
2/6/2008	3,812.00	19.06	MWD	Scientific Drilling	
2/16/2008	3,838.00	21.00	MWD	Scientific Drilling	
3/12/2008	3,850.82	20.11	Gyro MS	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 _____

COP Deviation Report

ConocoPhillips

SAN JUAN 29-6 UNIT #13C

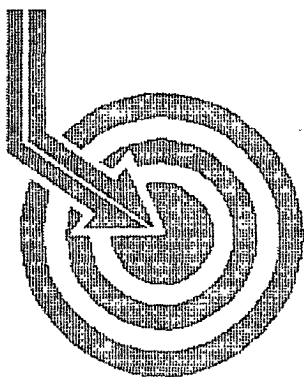
Operator CONOCOPHILLIPS		Legal WellName SAN JUAN 29-6 UNIT #13C		API / UWI 300393038500		County RIO ARRIBA		State/Province NEW MEXICO			
Surface Legal Location 29N-06W-07-B				N/S Dist (ft) 350.00		N/S Ref N		E/W Dist (ft) 2,615.00		E/W Ref E	
Survey Data											
Date		MD (ftKB)		Incl (°)		Method		Survey Company			
1/31/2008		157.00		0.25		Incl		RIG			
2/1/2008		251.00		0.75		Incl		RIG			
2/1/2008		350.00		0.50		Incl		RIG			
2/3/2008		397.00		0.69		MWD		Scientific Drilling			
2/3/2008		458.00		1.12		MWD		Scientific Drilling			
2/3/2008		520.00		2.27		MWD		Scientific Drilling			
2/3/2008		580.00		2.13		MWD		Scientific Drilling			
2/3/2008		640.00		1.49		MWD		Scientific Drilling			
2/3/2008		701.00		2.80		MWD		Scientific Drilling			
2/3/2008		764.00		4.16		MWD		Scientific Drilling			
2/3/2008		828.00		6.32		MWD		Scientific Drilling			
2/3/2008		891.00		8.49		MWD		Scientific Drilling			
2/3/2008		953.00		1.57		MWD		Scientific Drilling			
2/4/2008		1,017.00		13.83		MWD		Scientific Drilling			
2/4/2008		1,081.00		16.89		MWD		Scientific Drilling			
2/4/2008		1,144.00		19.34		MWD		Scientific Drilling			
2/4/2008		1,208.00		20.58		MWD		Scientific Drilling			
2/4/2008		1,271.00		23.26		MWD		Scientific Drilling			
2/4/2008		1,333.00		25.60		MWD		Scientific Drilling			
2/4/2008		1,396.00		27.81		MWD		Scientific Drilling			
2/4/2008		1,460.00		29.56		MWD		Scientific Drilling			
2/4/2008		1,523.00		29.69		MWD		Scientific Drilling			
2/4/2008		1,587.00		29.93		MWD		Scientific Drilling			
2/4/2008		1,650.00		28.67		MWD		Scientific Drilling			
2/4/2008		1,714.00		29.99		MWD		Scientific Drilling			
2/4/2008		1,778.00		29.65		MWD		Scientific Drilling			
2/4/2008		1,841.00		30.11		MWD		Scientific Drilling			
2/4/2008		1,905.00		29.98		MWD		Scientific Drilling			
2/4/2008		1,969.00		29.41		MWD		Scientific Drilling			
2/4/2008		2,033.00		29.04		MWD		Scientific Drilling			
2/4/2008		2,097.00		29.51		MWD		Scientific Drilling			
2/4/2008		2,160.00		28.90		MWD		Scientific Drilling			
2/4/2008		2,224.00		29.81		MWD		Scientific Drilling			
2/4/2008		2,287.00		29.10		MWD		Scientific Drilling			
2/4/2008		2,350.00		29.26		MWD		Scientific Drilling			
2/4/2008		2,414.00		29.81		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 APR 15 '08

OIL CONS. DIV.

DIST. 3

CONOCOPHILLIPS

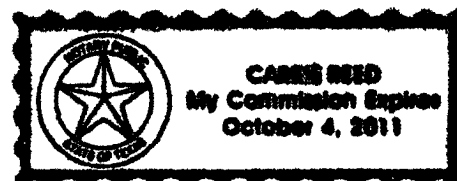
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-6 #13C
Wellpath: DH - Job #33D0108018/039
Survey: 02/01/08-02/17/08 & 03/07/08

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

Luhrton.....Company Representative

Notorized this date 9th of April, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 04/09/2008	Time: 09:17:06	Page: 1
Field: San Juan	Co-ordinate(N/E) Reference: Site: Rio Arriba County, NM, True North		
Site: Rio Arriba County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: San Juan 29-6 #13C	Section (VS) Reference: Well (0.00N,0.00E,345.32Azi)		
Wellpath: DH Job #33D0108018/039	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 02/01/08-02/17/08	Start Date: 02/01/2008
Company: Scientific Drilling Internatio	Engineer: Calvert/Rasmussen/Gillespie/Ge
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
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
397.00	0.69	223.12	397.00	-0.31	-0.43	-0.40	0.71	0.58	223.12
458.00	1.12	182.12	457.99	-1.08	-1.29	-0.67	1.23	1.45	207.52
520.00	2.27	147.67	519.96	-2.83	-2.93	-0.04	2.40	2.93	180.74
580.00	2.13	131.28	579.92	-4.88	-4.67	1.44	1.07	4.89	162.93
640.00	1.49	89.54	639.89	-6.00	-5.40	3.05	2.37	6.21	150.53
701.00	2.80	17.41	700.86	-4.93	-3.97	4.29	4.49	5.85	132.79
764.00	4.16	3.59	763.74	-1.46	-0.23	4.90	2.52	4.90	92.63
828.00	6.32	350.23	827.47	4.26	5.56	4.44	3.85	7.12	38.61
891.00	8.49	350.23	889.94	12.35	13.57	3.07	3.44	13.91	12.73
953.00	10.87	342.82	951.06	22.75	23.66	0.56	4.33	23.67	1.36
1017.00	13.83	342.86	1013.57	36.42	36.74	-3.48	4.63	36.90	354.60
1081.00	16.89	344.17	1075.28	53.36	53.00	-8.27	4.81	53.64	351.13
1144.00	19.34	344.20	1135.15	72.95	71.84	-13.61	3.89	73.12	349.28
1208.00	20.58	343.77	1195.30	94.79	92.84	-19.63	1.95	94.90	348.06
1271.00	23.26	345.37	1253.74	118.30	115.51	-25.87	4.36	118.38	347.38
1333.00	25.60	344.98	1310.19	143.94	140.30	-32.44	3.78	144.00	346.98
1396.00	27.81	344.37	1366.47	172.25	167.60	-39.92	3.53	172.29	346.60
1460.00	29.56	344.95	1422.61	202.96	197.23	-48.05	2.77	202.99	346.31
1523.00	29.69	345.49	1477.37	234.11	227.34	-55.99	0.47	234.13	346.16
1587.00	29.93	344.64	1532.91	265.92	258.08	-64.19	0.76	265.94	346.03
1650.00	28.67	344.64	1587.85	296.75	287.81	-72.36	2.00	296.76	345.89
1714.00	29.99	345.07	1643.64	328.10	318.07	-80.55	2.09	328.11	345.79
1778.00	29.65	344.49	1699.17	359.92	348.78	-88.90	0.70	359.93	345.70
1841.00	30.11	345.06	1753.79	391.31	379.06	-97.14	0.86	391.31	345.63
1905.00	29.98	345.17	1809.19	423.35	410.03	-105.37	0.22	423.35	345.59
1969.00	29.41	345.12	1864.79	455.05	440.67	-113.50	0.89	455.06	345.56
2033.00	29.04	345.02	1920.64	486.30	470.87	-121.55	0.58	486.30	345.53
2097.00	29.51	345.37	1976.47	517.60	501.12	-129.55	0.78	517.60	345.51
2160.00	28.90	345.54	2031.46	548.34	530.88	-137.27	0.98	548.34	345.50
2224.00	29.81	345.30	2087.24	579.71	561.24	-145.17	1.43	579.71	345.50
2287.00	29.10	345.65	2142.10	610.69	591.23	-152.94	1.16	610.69	345.50
2350.00	29.26	345.54	2197.10	641.40	620.98	-160.58	0.27	641.41	345.50
2414.00	29.81	346.16	2252.78	672.95	651.57	-168.29	0.98	672.95	345.52
2477.00	29.64	346.00	2307.49	704.19	681.89	-175.80	0.30	704.19	345.54
2540.00	29.09	345.76	2362.40	735.08	711.85	-183.34	0.89	735.08	345.56
2604.00	29.20	346.06	2418.30	766.25	742.08	-190.93	0.29	766.25	345.57
2667.00	29.32	345.55	2473.26	797.04	771.94	-198.48	0.44	797.04	345.58
2730.00	30.48	345.38	2527.87	828.44	802.34	-206.36	1.85	828.45	345.58
2793.00	30.33	345.84	2582.21	860.32	833.22	-214.29	0.44	860.33	345.58
2856.00	29.91	345.29	2636.70	891.94	863.84	-222.17	0.80	891.95	345.58
2920.00	28.84	345.45	2692.47	923.33	894.21	-230.10	1.68	923.34	345.57
2984.00	29.51	345.25	2748.35	954.53	924.39	-237.99	1.06	954.54	345.56
3048.00	30.07	345.68	2803.89	986.33	955.17	-245.97	0.94	986.33	345.56
3112.00	30.19	344.91	2859.25	1018.45	986.25	-254.12	0.63	1018.46	345.55
3175.00	30.18	345.19	2913.70	1050.13	1016.85	-262.29	0.22	1050.13	345.54
3212.00	29.79	344.58	2945.75	1068.62	1034.70	-267.11	1.34	1068.62	345.52
3234.00	28.96	344.91	2964.92	1079.41	1045.11	-269.95	3.84	1079.41	345.52



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 04/09/2008 Time: 09:17:06 Page: 2
Field: San Juan Co-ordinate(NE) Reference: Site: Río Arriba County, NM, True North
Site: Río Arriba County, NM Vertical (TVD) Reference: SITE 0.0
Well: San Juan 29-6 #13C Section (VS) Reference: Well (0.00N,0.00E,345.32Azi)
Wellpath: DH Job #33D0108018/039 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
3340.00	26.65	352.26	3058.71	1128.69	1093.47	-279.84	3.90	1128.71	345.64
3404.00	26.28	354.07	3116.00	1156.94	1121.78	-283.24	1.39	1156.99	345.83
3467.00	27.61	354.52	3172.16	1185.14	1150.19	-286.07	2.14	1185.23	346.03
3529.00	28.44	355.75	3226.89	1213.84	1179.21	-288.54	1.63	1214.00	346.25
3593.00	28.01	356.74	3283.28	1243.56	1209.42	-290.52	0.99	1243.82	346.49
3657.00	24.86	356.34	3340.58	1271.50	1237.85	-292.24	4.93	1271.88	346.72
3721.00	21.46	357.50	3399.42	1296.16	1262.98	-293.61	5.36	1296.66	346.91
3774.00	20.76	355.27	3448.86	1314.89	1282.03	-294.80	2.01	1315.49	347.05
3793.00	20.83	354.98	3466.62	1321.53	1288.75	-295.38	0.66	1322.17	347.09
3838.00	21.00	354.29	3508.66	1337.39	1304.74	-296.88	0.67	1338.09	347.18



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 04/09/2008	Time: 09:01:13	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 29-6 #13C	Section (VS) Reference: Well (0.00N,0.00E,345.32Azi)		
Wellpath: VH - Job #32D0308039	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 03/12/08	Start Date: 03/12/2008
Company: KSRG 3850'-6400'	
Tool: Scientific Drilling Internatio	Engineer: Stanley
Keeper: Keeper Gyro	Tied-to: From: Definitive Path

Survey

MD ft	Incl deg	Azimi deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3838.00	21.00	354.29	3508.66	1337.39	1304.74	-296.88	0.00	1338.09	347.18
3850.00	20.12	354.84	3519.89	1341.55	1308.94	-297.28	7.54	1342.27	347.20
3875.00	19.69	355.88	3543.40	1349.93	1317.42	-297.97	2.22	1350.70	347.26
3900.00	18.61	355.54	3567.02	1357.99	1325.60	-298.58	4.33	1358.81	347.31
3925.00	17.33	354.81	3590.80	1365.59	1333.28	-299.23	5.23	1366.45	347.35
3950.00	16.71	355.60	3614.70	1372.80	1340.57	-299.84	2.63	1373.70	347.39
3975.00	16.45	355.78	3638.66	1379.82	1347.69	-300.38	1.04	1380.76	347.44
4000.00	16.72	355.85	3662.62	1386.83	1354.81	-300.90	1.08	1387.82	347.48
4025.00	16.53	357.09	3686.57	1393.85	1361.95	-301.34	1.62	1394.88	347.52
4050.00	15.79	356.76	3710.59	1400.67	1368.89	-301.71	2.98	1401.75	347.57
4075.00	15.52	356.54	3734.66	1407.28	1375.63	-302.11	1.12	1408.41	347.61
4100.00	14.93	357.25	3758.78	1413.71	1382.18	-302.46	2.46	1414.89	347.66
4125.00	14.12	356.25	3782.98	1419.86	1388.45	-302.82	3.39	1421.08	347.70
4150.00	13.65	355.80	3807.25	1425.76	1394.43	-303.23	1.94	1427.02	347.73
4175.00	12.76	356.23	3831.59	1431.37	1400.13	-303.63	3.60	1432.67	347.76
4200.00	11.86	354.30	3856.02	1436.62	1405.44	-304.07	3.93	1437.95	347.79
4225.00	11.41	354.83	3880.50	1441.59	1410.46	-304.54	1.87	1442.96	347.82
4250.00	10.61	355.14	3905.04	1446.30	1415.21	-304.96	3.21	1447.70	347.84
4275.00	10.03	353.69	3929.64	1450.72	1419.67	-305.40	2.55	1452.15	347.86
4300.00	9.42	354.85	3954.28	1454.89	1423.87	-305.82	2.53	1456.34	347.88
4325.00	8.45	354.25	3978.97	1458.73	1427.74	-306.19	3.90	1460.20	347.90
4350.00	8.01	352.67	4003.72	1462.27	1431.30	-306.59	1.98	1463.76	347.91
4375.00	7.40	352.90	4028.49	1465.59	1434.62	-307.01	2.45	1467.11	347.92
4400.00	6.64	352.84	4053.30	1468.62	1437.66	-307.39	3.04	1470.15	347.93
4425.00	5.95	351.72	4078.15	1471.35	1440.37	-307.76	2.83	1472.88	347.94
4450.00	5.47	349.96	4103.03	1473.82	1442.83	-308.15	2.03	1475.37	347.94
4475.00	5.14	350.63	4127.92	1476.12	1445.11	-308.54	1.34	1477.68	347.95
4500.00	4.58	352.58	4152.83	1478.23	1447.20	-308.86	2.33	1479.79	347.95
4525.00	4.00	352.08	4177.76	1480.09	1449.06	-309.10	2.33	1481.66	347.96
4550.00	3.55	349.00	4202.71	1481.73	1450.68	-309.37	1.97	1483.30	347.96
4575.00	3.35	347.63	4227.66	1483.23	1452.15	-309.68	0.87	1484.81	347.96
4600.00	3.04	350.01	4252.62	1484.62	1453.52	-309.95	1.34	1486.20	347.96
4625.00	2.53	350.28	4277.59	1485.83	1454.72	-310.16	2.07	1487.42	347.96
4650.00	2.11	347.56	4302.57	1486.84	1455.71	-310.35	1.73	1488.43	347.97
4675.00	1.99	345.01	4327.56	1487.74	1456.58	-310.56	0.59	1489.32	347.96
4700.00	1.90	348.01	4352.54	1488.58	1457.41	-310.76	0.56	1490.17	347.96
4725.00	1.60	350.34	4377.53	1489.34	1458.15	-310.90	1.22	1490.93	347.96
4750.00	1.24	349.47	4402.52	1489.96	1458.76	-311.01	1.41	1491.55	347.96
4775.00	1.24	342.37	4427.52	1490.50	1459.29	-311.14	0.61	1492.09	347.96
4800.00	1.13	353.36	4452.51	1491.02	1459.79	-311.25	1.00	1492.61	347.96
4825.00	0.85	2.62	4477.51	1491.44	1460.22	-311.27	1.29	1493.03	347.97
4850.00	0.59	0.16	4502.50	1491.74	1460.54	-311.27	1.06	1493.34	347.97
4875.00	0.54	342.90	4527.50	1491.98	1460.78	-311.30	0.70	1493.58	347.97
4900.00	0.54	354.70	4552.50	1492.22	1461.01	-311.34	0.44	1493.81	347.97
4925.00	0.31	14.57	4577.50	1492.39	1461.19	-311.34	1.06	1493.99	347.97
4950.00	0.25	316.35	4602.50	1492.50	1461.30	-311.36	1.12	1494.10	347.97
4975.00	0.36	346.93	4627.50	1492.63	1461.41	-311.41	0.77	1494.22	347.97
5000.00	0.12	26.46	4652.50	1492.72	1461.51	-311.42	1.10	1494.32	347.97
5025.00	0.22	295.33	4677.50	1492.77	1461.56	-311.45	1.02	1494.37	347.97



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 04/09/2008	Time: 09:01:13	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 29-6 #13C	Section (VS) Reference:	Well (0.00N,0.00E,345.32Azi)	
Wellpath: VH - Job #32D0308039	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
5050.00	0.13	317.71	4702.50	1492.83	1461.60	-311.51	0.45	1494.43	347.97
5075.00	0.04	62.69	4727.50	1492.86	1461.62	-311.52	0.58	1494.45	347.97
5100.00	0.26	222.38	4752.50	1492.83	1461.59	-311.56	1.20	1494.42	347.97
5125.00	0.12	131.92	4777.50	1492.78	1461.53	-311.58	1.16	1494.37	347.97
5150.00	0.44	187.42	4802.50	1492.66	1461.41	-311.57	1.56	1494.26	347.96
5175.00	0.41	153.96	4827.50	1492.49	1461.24	-311.54	0.99	1494.08	347.96
5200.00	0.70	175.42	4852.50	1492.25	1461.00	-311.49	1.40	1493.84	347.96
5225.00	0.72	155.54	4877.50	1491.95	1460.71	-311.41	0.98	1493.54	347.97
5250.00	0.89	174.72	4902.49	1491.60	1460.38	-311.33	1.26	1493.19	347.97
5275.00	0.99	164.37	4927.49	1491.19	1459.98	-311.26	0.79	1492.79	347.97
5300.00	0.80	172.28	4952.49	1490.81	1459.60	-311.17	0.91	1492.40	347.97
5325.00	1.13	174.72	4977.48	1490.39	1459.18	-311.13	1.37	1491.98	347.96
5350.00	1.00	169.06	5002.48	1489.93	1458.72	-311.06	0.67	1491.51	347.96
5375.00	1.20	181.59	5027.48	1489.46	1458.24	-311.03	1.23	1491.04	347.96
5400.00	1.42	173.31	5052.47	1488.90	1457.67	-311.00	1.17	1490.48	347.96
5425.00	1.21	182.67	5077.46	1488.34	1457.10	-310.98	1.20	1489.91	347.95
5450.00	1.57	177.25	5102.45	1487.76	1456.49	-310.97	1.51	1489.32	347.95
5475.00	1.28	172.93	5127.45	1487.14	1455.88	-310.92	1.20	1488.71	347.94
5500.00	1.61	180.01	5152.44	1486.53	1455.25	-310.89	1.49	1488.08	347.94
5525.00	1.47	170.37	5177.43	1485.87	1454.58	-310.83	1.19	1487.42	347.94
5550.00	1.42	180.86	5202.42	1485.25	1453.95	-310.79	1.07	1486.80	347.93
5575.00	1.63	176.57	5227.41	1484.60	1453.29	-310.77	0.96	1486.14	347.93
5600.00	1.35	182.38	5252.40	1483.97	1452.64	-310.76	1.28	1485.51	347.92
5625.00	1.63	183.75	5277.40	1483.35	1451.99	-310.79	1.13	1484.88	347.92
5650.00	1.54	179.18	5302.39	1482.69	1451.30	-310.81	0.62	1484.21	347.91
5675.00	1.67	192.17	5327.38	1482.04	1450.61	-310.89	1.55	1483.55	347.90
5700.00	1.71	183.83	5352.37	1481.36	1449.88	-310.99	0.99	1482.85	347.89
5725.00	1.56	187.02	5377.36	1480.69	1449.17	-311.05	0.69	1482.17	347.89
5750.00	1.65	181.86	5402.35	1480.03	1448.47	-311.11	0.67	1481.50	347.88
5775.00	1.45	178.89	5427.34	1479.37	1447.79	-311.11	0.83	1480.84	347.87
5800.00	1.54	184.40	5452.33	1478.75	1447.14	-311.13	0.66	1480.21	347.87
5825.00	1.47	175.92	5477.32	1478.12	1446.49	-311.14	0.93	1479.57	347.86
5850.00	1.59	181.81	5502.31	1477.47	1445.82	-311.12	0.80	1478.92	347.86
5875.00	1.56	176.27	5527.30	1476.80	1445.13	-311.11	0.62	1478.24	347.85
5900.00	1.35	185.62	5552.29	1476.19	1444.50	-311.12	1.26	1477.62	347.85
5925.00	1.51	182.17	5577.29	1475.60	1443.88	-311.16	0.71	1477.02	347.84
5950.00	1.31	184.94	5602.28	1475.01	1443.26	-311.20	0.83	1476.43	347.83
5975.00	1.59	190.73	5627.27	1474.43	1442.64	-311.29	1.24	1475.84	347.82
6000.00	1.42	194.40	5652.26	1473.85	1442.00	-311.43	0.75	1475.24	347.81
6025.00	1.67	204.42	5677.25	1473.29	1441.37	-311.66	1.45	1474.67	347.80
6050.00	1.49	201.88	5702.24	1472.75	1440.73	-311.93	0.76	1474.11	347.78
6075.00	1.65	203.01	5727.23	1472.21	1440.10	-312.19	0.65	1473.55	347.77
6100.00	1.46	192.25	5752.22	1471.64	1439.46	-312.40	1.39	1472.97	347.76
6125.00	1.23	212.70	5777.22	1471.17	1438.92	-312.61	2.11	1472.49	347.74
6150.00	1.27	208.46	5802.21	1470.79	1438.45	-312.89	0.39	1472.09	347.73
6175.00	1.24	225.35	5827.21	1470.45	1438.02	-313.21	1.48	1471.73	347.71
6200.00	1.37	220.19	5852.20	1470.14	1437.60	-313.60	0.69	1471.41	347.69
6225.00	1.20	237.11	5877.19	1469.89	1437.23	-314.01	1.64	1471.13	347.68
6250.00	1.38	238.38	5902.19	1469.72	1436.93	-314.49	0.73	1470.94	347.65
6275.00	1.25	229.29	5927.18	1469.51	1436.59	-314.95	1.00	1470.71	347.63
6300.00	1.41	248.05	5952.17	1469.35	1436.30	-315.44	1.84	1470.53	347.61
6325.00	1.19	236.78	5977.17	1469.23	1436.04	-315.94	1.32	1470.39	347.59

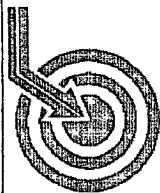


Scientific Drilling International Survey Report

Company:	CONOCOPHILLIPS	Date:	04/09/2008	Time:	09:01:13	Page:	3
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 29-6 #13C	Section (VS) Reference:	Well (0.00N,0.00E,345.32Azi)				
Wellpath:	VH - Job #32D0308039	Survey Calculation Method:	Minimum Curvature Db: Sybase				

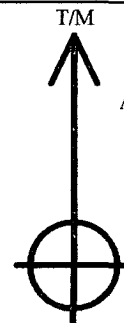
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
6350.00	1.47	250.60	6002.16	1469.12	1435.79	-316.46	1.68	1470.26	347.57
6375.00	1.25	234.79	6027.15	1469.00	1435.53	-316.99	1.72	1470.11	347.55
6400.00	1.36	262.30	6052.15	1468.94	1435.33	-317.51	2.52	1470.03	347.53



**Scientific
Drilling**

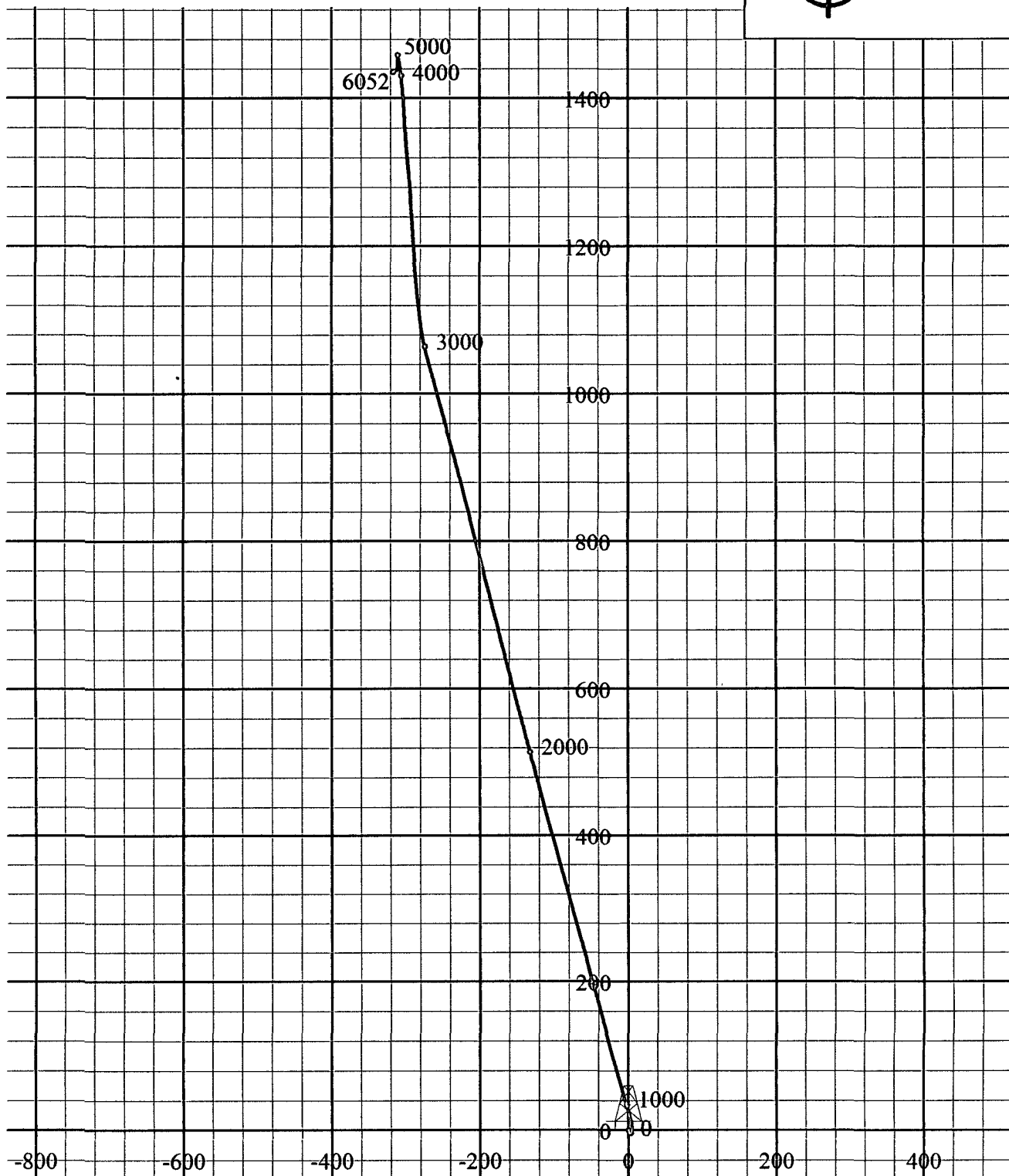
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-6 #13C
Wellpath: VH - Job #32D0308039
Survey: 03/12/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 04/09/2008
Model: igrf2000

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



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