

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form G-102
Revised February 21, 1994
Instructions on back
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT
REV JUL 31 '09

[illegible]

*API Number 30-039-30275		*Pool Code 72319/71599	*Pool Name Blanco Mesa Verde/Basin Dakota	
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT			*Well Number 58N
*OGRID No. 14358	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP			*Elevation 7313

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	31	27N	4W		685	SOUTH	1180	WEST	RIO ARriba

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	27N	4W		1384'	SOUTH	2003'	WEST	RIO ARRIBA

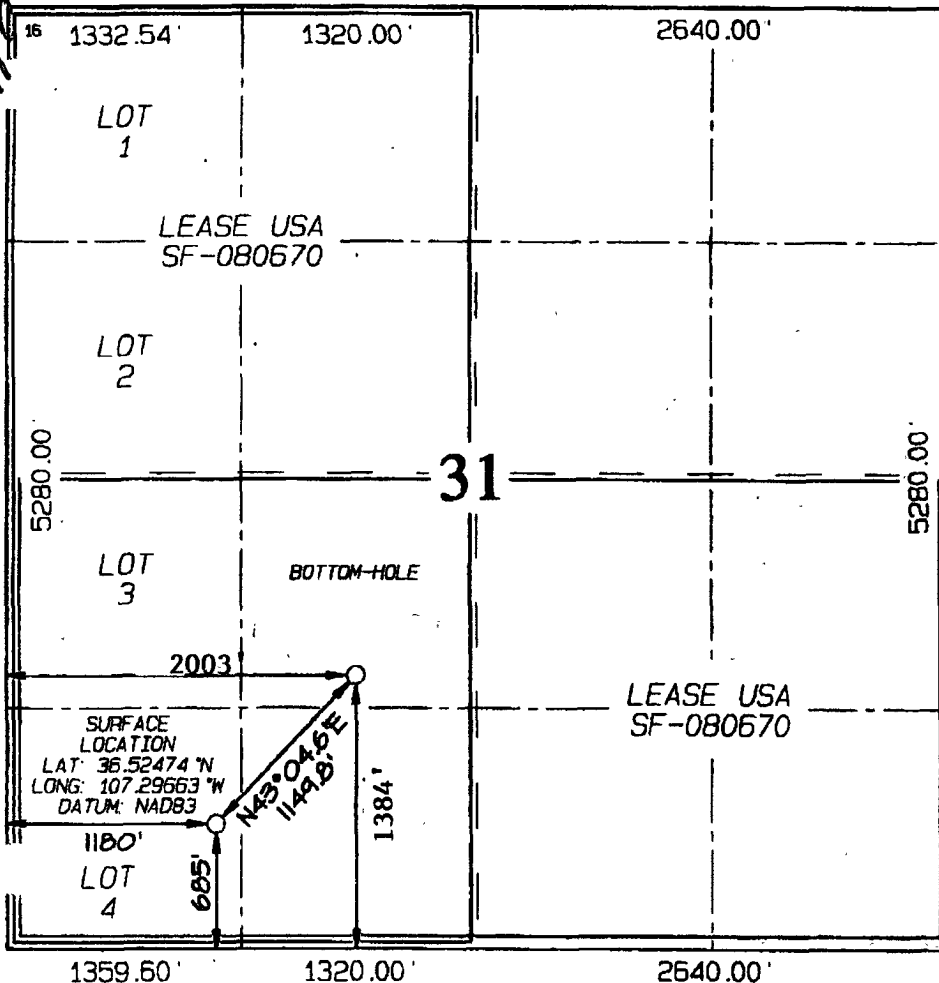
¹² Dedicated Acres:

13 Joint or Intell

⁶⁴ Personalist von Ende

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



I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature Ethel Tally

Ethel Tally
Printed Name

Staff Regulatory Technician
Title

Date 7/30/00

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: JUNE 19, 2006

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

7/31

PC

ConocoPhillips**COP Deviation Report
SAN JUAN 27-4 UNIT #58N**

Operator BURLINGTON RESOURCES OIL & GAS COMPANY	Legal WellName SAN JUAN 27-4 UNIT #58N	API / UWI 3003930275	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location 031-027N-004W-M	N/S Dist (ft) 685.00	N/S Ref FSL	E/W Dist (ft) 1,180.00	E/W Ref FWL

Survey Data				
Date	MD (ftKB)	Incl. (°)	Method	Survey Company
8/13/2008	140.00	0.75	DEVIATION	MOTE RCVD JUL 31 '09
8/13/2008	240.00	1.50	DEVIATION	MOTE OIL CONS. DIV.
8/13/2008	375.00	2.00	DEVIATION	MOTE DIST. 3
10/10/2008	447.00	2.50	MWD	Scientific Drilling
10/10/2008	477.00	3.32	MWD	Scientific Drilling
10/10/2008	521.00	4.72	MWD	Scientific Drilling
10/10/2008	551.00	5.34	MWD	Scientific Drilling
10/10/2008	582.00	5.55	MWD	Scientific Drilling
10/10/2008	613.00	5.48	MWD	Scientific Drilling
10/10/2008	647.00	5.55	MWD	Scientific Drilling
10/10/2008	677.00	5.65	MWD	Scientific Drilling
10/10/2008	738.00	5.95	MWD	Scientific Drilling
10/10/2008	829.00	6.00	MWD	Scientific Drilling
10/11/2008	920.00	5.96	MWD	Scientific Drilling
10/11/2008	1,014.00	6.07	MWD	Scientific Drilling
10/11/2008	1,110.00	7.30	MWD	Scientific Drilling
10/11/2008	1,205.00	8.36	MWD	Scientific Drilling
10/11/2008	1,236.00	9.07	MWD	Scientific Drilling
10/11/2008	1,299.00	10.55	MWD	Scientific Drilling
10/11/2008	1,363.00	11.38	MWD	Scientific Drilling
10/11/2008	1,426.00	12.36	MWD	Scientific Drilling
10/11/2008	1,489.00	13.07	MWD	Scientific Drilling
10/11/2008	1,585.00	13.42	MWD	Scientific Drilling
10/11/2008	1,679.00	13.62	MWD	Scientific Drilling
10/11/2008	1,743.00	14.10	MWD	Scientific Drilling
10/11/2008	1,838.00	14.46	MWD	Scientific Drilling
10/11/2008	1,902.00	14.44	MWD	Scientific Drilling
10/11/2008	1,966.00	14.48	MWD	Scientific Drilling
10/11/2008	2,030.00	13.87	MWD	Scientific Drilling
10/11/2008	2,093.00	13.84	MWD	Scientific Drilling
10/11/2008	2,188.00	14.53	MWD	Scientific Drilling
10/11/2008	2,252.00	14.10	MWD	Scientific Drilling
10/11/2008	2,346.00	14.65	MWD	Scientific Drilling
10/11/2008	2,410.00	14.78	MWD	Scientific Drilling
10/11/2008	2,505.00	14.99	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 _____

COP Deviation Report
SAN JUAN 27-4 UNIT #58N

Survey Data					
Date	MD (ftKB)	Incl. (°)	Method	Survey Company	
10/12/2008	2,600.00	13.56	MWD	Scientific Drilling	
10/12/2008	2,696.00	13.47	MWD	Scientific Drilling	
10/12/2008	2,791.00	12.64	MWD	Scientific Drilling	
10/12/2008	2,887.00	11.94	MWD	Scientific Drilling	
10/12/2008	2,983.00	11.74	MWD	Scientific Drilling	
	3,078.00	11.31	MWD	Scientific Drilling	
10/12/2008	3,174.00	12.26	MWD	Scientific Drilling	
10/12/2008	3,270.00	12.41	MWD	Scientific Drilling	
10/12/2008	3,365.00	13.45	MWD	Scientific Drilling	
10/12/2008	3,428.00	13.96	MWD	Scientific Drilling	
10/12/2008	3,524.00	14.53	MWD	Scientific Drilling	
10/12/2008	3,619.00	14.81	MWD	Scientific Drilling	
10/12/2008	3,715.00	14.83	MWD	Scientific Drilling	
10/12/2008	3,810.00	14.62	MWD	Scientific Drilling	
10/12/2008	3,905.00	14.01	MWD	Scientific Drilling	
10/12/2008	4,001.00	12.71	MWD	Scientific Drilling	
10/12/2008	4,064.00	12.17	MWD	Scientific Drilling	
10/13/2008	4,128.00	12.23	MWD	Scientific Drilling	
10/13/2008	4,191.00	12.68	MWD	Scientific Drilling	
10/13/2008	4,255.00	13.52	MWD	Scientific Drilling	
10/13/2008	4,318.00	13.47	MWD	Scientific Drilling	
10/14/2008	4,382.00	13.82	MWD	Scientific Drilling	
10/14/2008	4,445.00	13.39	MWD	Scientific Drilling	
10/14/2008	4,539.00	13.03	MWD	Scientific Drilling	
10/14/2008	4,603.00	12.34	MWD	Scientific Drilling	
10/14/2008	4,699.00	11.30	MWD	Scientific Drilling	
10/14/2008	4,794.00	11.12	MWD	Scientific Drilling	
10/14/2008	4,857.00	11.45	MWD	Scientific Drilling	
10/14/2008	4,889.00	11.52	MWD	Scientific Drilling	
10/14/2008	4,921.00	11.68	MWD	Scientific Drilling	
10/14/2008	4,952.00	12.09	MWD	Scientific Drilling	
10/14/2008	4,983.00	12.47	MWD	Scientific Drilling	
10/14/2008	5,015.00	12.77	MWD	Scientific Drilling	
10/14/2008	5,046.00	13.00	MWD	Scientific Drilling	
10/15/2008	5,078.00	13.48	MWD	Scientific Drilling	
10/15/2008	5,110.00	13.68	MWD	Scientific Drilling	
10/15/2008	5,142.00	13.61	MWD	Scientific Drilling	
10/15/2008	5,205.00	13.17	MWD	Scientific Drilling	
10/15/2008	5,268.00	12.83	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

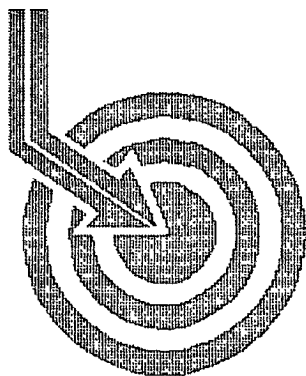
Date	MD (ftKB)	Incl (°)	Method	Survey Company
10/15/2008	5,332.00	12.74	MWD	Scientific Drilling
10/15/2008	5,363.00	12.49	MWD	Scientific Drilling
10/15/2008	5,395.00	11.80	MWD	Scientific Drilling
10/15/2008	5,427.00	11.10	MWD	Scientific Drilling
10/15/2008	5,459.00	10.37	MWD	Scientific Drilling
10/15/2008	5,490.00	10.17	MWD	Scientific Drilling
10/15/2008	5,522.00	9.51	MWD	Scientific Drilling
10/15/2008	5,553.00	9.01	MWD	Scientific Drilling
10/15/2008	5,585.00	8.88	MWD	Scientific Drilling
10/15/2008	5,617.00	8.02	MWD	Scientific Drilling
10/16/2008	5,648.00	7.59	MWD	Scientific Drilling
10/16/2008	5,679.00	6.96	MWD	Scientific Drilling
10/16/2008	5,709.00	6.15	MWD	Scientific Drilling
10/16/2008	5,741.00	5.47	MWD	Scientific Drilling
10/16/2008	5,752.00	5.02	MWD	Scientific Drilling
10/16/2008	5,784.00	4.90	MWD	Scientific Drilling
10/16/2008	5,832.00	4.72	MWD	Scientific Drilling
10/30/2008	8,628.00	1.00	FINAL BHS	PHOENIX

I, the undersigned, certify that I acting in my capacity as 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 July 30th

Notary Public in and for San Juan County, New Mexico

My Commission expires Oct 1, 2012



Scientific Drilling

RCVD JUL 31 '09

OIL CONS. DIV.

DIST. 3

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #58N
Wellpath: DH - Job #33D1008235
Survey: 10/09/08-10/17/08

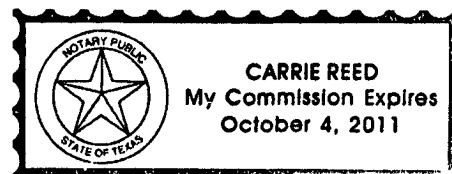
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Richard R. ...*..... Company Representative

Notorized this date 2nd of October, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES	Date: 10/27/2008	Time: 16:15:26	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 27-4 #58N	Section (VS) Reference:	Well (0.00N,0.00E,49.52Azi)	
Wellpath: DH - Job #33D1008235	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 10/09/08-10/17/08	Start Date: 10/09/2008
E-field 0'-5784'	
Company: Scientific Drilling Internatio	Engineer: Webb/Burrus/Buchanan/Fisher/La
Tool: E-field;E-field	Tied-to: From Surface

Survey

MD ft	Incl deg	Azmi 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
447.00	2.50	68.23	446.86	9.24	3.62	9.06	0.56	9.75	68.23
477.00	3.32	70.82	476.82	10.66	4.14	10.48	2.77	11.27	68.43
521.00	4.72	77.65	520.71	13.45	4.95	13.46	3.36	14.34	69.80
551.00	5.34	78.18	550.59	15.76	5.50	16.03	2.07	16.94	71.06
582.00	5.55	78.56	581.45	18.34	6.09	18.91	0.69	19.87	72.14
613.00	5.48	79.93	612.31	20.93	6.65	21.84	0.48	22.83	73.06
647.00	5.55	84.29	646.15	23.68	7.10	25.07	1.25	26.05	74.19
677.00	5.65	87.69	676.01	26.03	7.30	27.99	1.15	28.93	75.38
707.00	5.99	90.67	705.86	28.37	7.34	31.03	1.52	31.89	76.69
738.00	5.95	91.03	736.69	30.79	7.29	34.25	0.18	35.02	77.98
829.00	6.00	89.53	827.19	37.96	7.25	43.73	0.18	44.32	80.59
920.00	5.96	91.48	917.70	45.12	7.17	53.20	0.23	53.68	82.33
1014.00	6.07	91.47	1011.18	52.45	6.91	63.05	0.12	63.43	83.74
1110.00	7.30	71.05	1106.54	61.90	8.76	73.90	2.77	74.41	83.24
1205.00	8.36	48.59	1200.67	74.42	15.29	84.79	3.38	86.15	79.78
1236.00	9.07	45.57	1231.32	79.11	18.49	88.22	2.72	90.14	78.16
1299.00	10.55	44.24	1293.39	89.81	26.10	95.79	2.38	99.28	74.76
1363.00	11.38	44.97	1356.23	101.94	34.77	104.34	1.31	109.98	71.57
1426.00	12.36	46.47	1417.88	114.86	43.81	113.62	1.63	121.78	68.92
1489.00	13.07	47.03	1479.33	128.71	53.31	123.72	1.14	134.72	66.69
1585.00	13.42	44.49	1572.78	150.66	68.65	139.47	0.71	155.45	63.79
1679.00	13.62	45.16	1664.17	172.56	84.24	154.97	0.27	176.38	61.47
1743.00	14.10	45.63	1726.31	187.85	95.00	165.88	0.77	191.16	60.20
1838.00	14.46	45.83	1818.38	211.23	111.36	182.66	0.38	213.93	58.63
1902.00	14.44	44.71	1880.35	227.16	122.60	194.01	0.44	229.50	57.71
1966.00	14.48	44.68	1942.32	243.08	133.96	205.25	0.06	245.09	56.87
2030.00	13.87	43.84	2004.37	258.69	145.18	216.19	1.01	260.41	56.12
2093.00	13.84	46.37	2065.54	273.73	155.83	226.87	0.96	275.23	55.52
2188.00	14.43	45.34	2157.67	296.88	171.99	243.51	0.68	298.13	54.77
2252.00	14.10	46.88	2219.69	312.62	182.92	254.88	0.79	313.72	54.33
2346.00	14.65	45.97	2310.75	335.92	199.01	271.78	0.63	336.85	53.79
2410.00	14.78	49.25	2372.65	352.16	209.96	283.78	1.32	353.01	53.50
2505.00	14.99	50.21	2464.46	376.56	225.74	302.40	0.34	377.37	53.26
2600.00	13.56	48.71	2556.53	399.99	240.95	320.21	1.55	400.74	53.04
2696.00	13.47	49.37	2649.87	422.42	255.66	337.16	0.19	423.12	52.83
2791.00	12.64	48.67	2742.41	443.88	269.73	353.36	0.89	444.54	52.64
2887.00	11.94	48.83	2836.21	464.31	283.20	368.72	0.73	464.93	52.47
2983.00	11.74	46.78	2930.17	484.00	296.43	383.31	0.49	484.56	52.28
3078.00	11.31	47.77	3023.26	502.96	309.31	397.26	0.50	503.47	52.10
3174.00	12.26	46.37	3117.23	522.55	322.67	411.60	1.03	523.00	51.91
3270.00	12.41	45.28	3211.01	543.01	336.96	426.31	0.29	543.40	51.68
3365.00	13.45	43.00	3303.61	564.17	352.22	441.10	1.22	564.47	51.39
3428.00	13.96	42.91	3364.81	579.00	363.14	451.27	0.81	579.24	51.18
3524.00	14.53	45.92	3457.86	602.52	380.00	467.81	0.97	602.70	50.91
3619.00	14.81	47.40	3549.76	626.55	396.51	485.30	0.49	626.69	50.75
3715.00	14.83	46.99	3642.57	651.08	413.20	503.32	0.11	651.20	50.62
3810.00	14.62	46.73	3734.45	675.20	429.71	520.94	0.23	675.30	50.48
3905.00	14.01	45.59	3826.50	698.65	445.97	537.88	0.71	698.72	50.34



Scientific
Drilling

Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #58N
Wellpath: DH - Job #33D1008235

Date: 10/27/2008 Time: 16:15:26 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,49.52Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

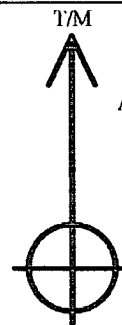
Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4001.00	12.71	45.42	3919.90	720.78	461.52	553.71	1.35	720.83	50.19
4064.00	12.17	47.35	3981.42	734.33	470.88	563.53	1.08	734.37	50.12
4128.00	12.23	46.07	4043.98	747.84	480.16	573.37	0.43	747.87	50.06
4191.00	12.68	46.54	4105.49	761.40	489.54	583.20	0.73	761.43	49.99
4255.00	13.52	47.20	4167.83	775.89	499.46	593.78	1.33	775.91	49.93
4318.00	13.47	46.33	4229.09	790.58	509.53	604.50	0.33	790.59	49.87
4382.00	13.82	46.49	4291.28	805.65	519.94	615.43	0.55	805.66	49.81
4445.00	13.39	45.98	4352.51	820.45	530.19	626.13	0.71	820.45	49.74
4539.00	13.03	47.30	4444.03	841.90	544.94	641.75	0.50	841.90	49.66
4603.00	12.34	48.54	4506.46	855.95	554.36	652.18	1.16	855.95	49.64
4699.00	11.30	52.11	4600.43	875.60	566.93	667.29	1.32	875.60	49.65
4794.00	11.12	56.49	4693.62	893.99	577.70	682.27	0.92	894.00	49.74
4857.00	11.45	56.31	4755.40	906.23	584.52	692.54	0.53	906.24	49.83
4889.00	11.52	54.88	4786.76	912.57	588.12	697.80	0.92	912.58	49.87
4921.00	11.68	55.22	4818.10	918.97	591.81	703.07	0.54	918.99	49.91
4952.00	12.09	55.85	4848.44	925.32	595.42	708.33	1.39	925.35	49.95
4983.00	12.47	55.09	4878.73	931.88	599.16	713.77	1.33	931.91	49.99
5015.00	12.77	55.30	4909.96	938.83	603.15	719.51	0.95	938.87	50.03
5046.00	13.00	55.34	4940.18	945.71	607.08	725.19	0.74	945.75	50.07
5078.00	13.48	54.06	4971.33	953.01	611.32	731.17	1.76	953.06	50.10
5110.00	13.68	53.65	5002.43	960.50	615.75	737.24	0.69	960.56	50.13
5142.00	13.61	52.87	5033.53	968.04	620.27	743.29	0.62	968.09	50.16
5205.00	13.17	53.23	5094.82	982.60	629.04	754.95	0.71	982.67	50.20
5268.00	12.83	53.02	5156.20	996.74	637.54	766.28	0.54	996.82	50.24
5332.00	12.74	51.53	5218.61	1010.89	646.21	777.48	0.53	1010.97	50.27
5363.00	12.49	50.42	5248.87	1017.65	650.47	782.74	1.12	1017.74	50.27
5395.00	11.85	48.84	5280.15	1024.40	654.83	787.89	2.25	1024.49	50.27
5427.00	11.10	47.79	5311.51	1030.76	659.07	792.64	2.43	1030.85	50.26
5459.00	10.37	45.64	5342.95	1036.72	663.15	796.98	2.60	1036.80	50.24
5490.00	10.17	42.58	5373.45	1042.22	667.12	800.83	1.87	1042.29	50.20
5522.00	9.51	40.63	5404.98	1047.63	671.20	804.46	2.31	1047.70	50.16
5553.00	9.01	37.58	5435.58	1052.54	675.07	807.61	2.26	1052.59	50.11
5585.00	8.88	35.19	5467.19	1057.38	679.07	810.56	1.23	1057.43	50.04
5617.00	8.02	34.66	5498.84	1061.93	682.93	813.25	2.70	1061.97	49.98
5648.00	7.59	34.21	5529.55	1066.00	686.40	815.63	1.40	1066.02	49.92
5679.00	6.96	31.62	5560.30	1069.76	689.69	817.77	2.29	1069.78	49.86
5709.00	6.15	32.62	5590.11	1073.03	692.59	819.59	2.73	1073.04	49.80
5741.00	5.47	29.68	5621.94	1076.10	695.36	821.27	2.32	1076.11	49.75
5752.00	5.02	31.81	5632.90	1077.05	696.23	821.78	4.46	1077.06	49.73
5784.00	4.90	30.83	5664.78	1079.68	698.59	823.22	0.46	1079.69	49.68



Scientific
Drilling

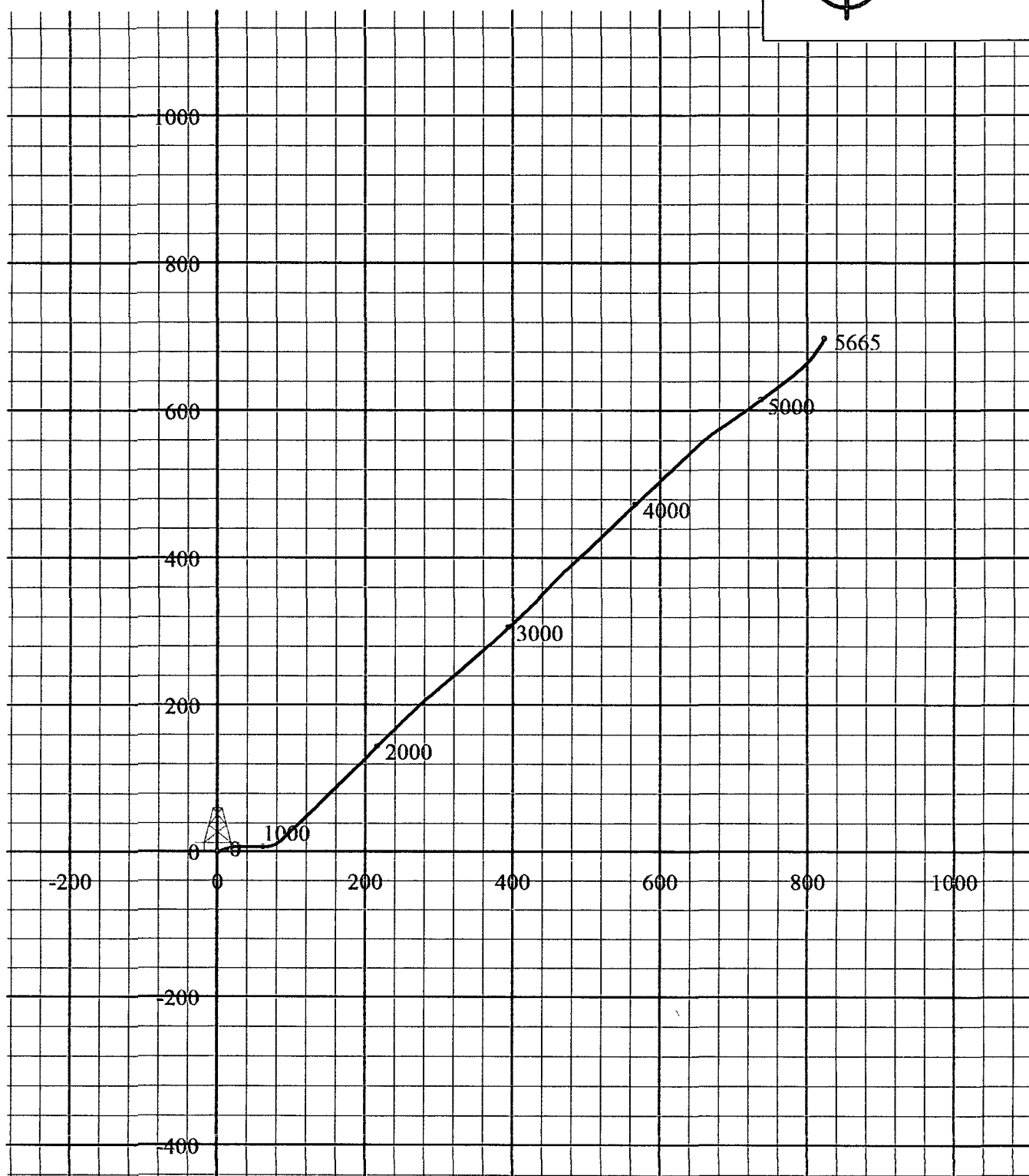
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 27-4 #58N
Wellpath: DH - Job #33D1008235
Survey: 10/09/08-10/17/08



Azimuths to True North
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 10/27/2008
Model: igrf2000

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



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

SAN JUAN 27-4 UNIT #58N

Burlington Resources Oil & Gas Company L.P.

Most Recent Job

Jobs	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Job Category	INITIAL COMPLETION	INITIAL COMPLETION	10/31/2008	7/21/2009
COMPLETIONS				

Well Config: DEVIATED - Original Hole, 7/23/2009 8:36:25 AM

Schematic - Actual

