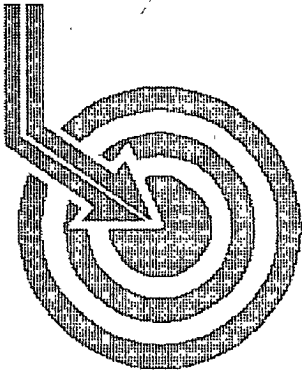


30-039-30233



Scientific Drilling

RCVD AUG 24 '07

OIL CONS. DIV.

CONOCOPHILLIPS

DIST. 3

H
8-27-07

Field: San Juan

Site: San Juan County, NM

Well: San Juan 29-6 #109M

Wellpath: DH - Job #32D0507382

Survey: 05/12/07-05/16/07

Surface: 2345/N 1110/W

BHL 1855/S 707/W M 27850 TWD 7644

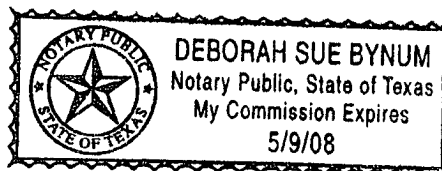
This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature] Company Representative

Notorized this date 25th of June, 2007.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas



8



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 06/20/2007	Time: 16:14:57	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 29-6 #109M	Section (VS) Reference:	Well (0.00N;0.00E,200.61Azi)	
Wellpath: DH - Job #32D0507382	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 05/12/07-05/16/07	Start Date: 05/12/2007
E-field 0'-3918' w/projection @ 3964'	
Company: Scientific Drilling Internatio	Engineer: Lowe/Drake/Heikkinen/Gillespie
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
263.00	0.62	296.07	262.99	-0.14	0.63	-1.28	0.24	1.42	296.07
324.00	1.03	241.49	323.99	0.25	0.51	-2.06	1.38	2.12	283.89
385.00	3.14	214.54	384.95	2.28	-1.13	-3.49	3.72	3.66	252.05
446.00	5.63	206.63	445.76	6.88	-5.18	-5.77	4.19	7.76	228.10
507.00	8.08	201.96	506.32	14.14	-11.83	-8.72	4.12	14.70	216.39
568.00	9.82	201.67	566.58	23.63	-20.64	-12.24	2.85	24.00	210.67
629.00	11.99	202.56	626.47	35.17	-31.33	-16.60	3.57	35.45	207.91
691.00	14.89	200.47	686.77	49.57	-44.74	-21.85	4.74	49.79	206.03
751.00	17.27	197.75	744.42	66.18	-60.45	-27.27	4.16	66.31	204.28
813.00	20.24	197.81	803.12	86.09	-79.43	-33.35	4.79	86.15	202.78
877.00	21.66	198.93	862.89	108.95	-101.14	-40.57	2.31	108.98	201.86
939.00	22.11	198.71	920.42	132.05	-123.02	-48.03	0.74	132.06	201.33
1002.00	22.13	199.24	978.78	155.76	-145.45	-55.74	0.32	155.77	200.97
1064.00	22.40	199.87	1036.16	179.25	-167.59	-63.60	0.58	179.25	200.78
1128.00	22.70	200.34	1095.27	203.79	-190.63	-72.04	0.55	203.79	200.70
1191.00	23.03	200.47	1153.32	228.27	-213.58	-80.57	0.53	228.27	200.67
1255.00	22.54	198.96	1212.32	253.05	-236.91	-88.94	1.19	253.05	200.58
1317.00	22.46	199.04	1269.60	276.77	-259.34	-96.66	0.14	276.77	200.44
1380.00	22.78	198.75	1327.76	300.99	-282.27	-104.51	0.54	300.99	200.32
1443.00	22.93	198.71	1385.81	325.44	-305.44	-112.37	0.24	325.45	200.20
1505.00	22.94	198.23	1442.91	349.59	-328.36	-120.02	0.30	349.60	200.08
1568.00	22.56	198.77	1501.01	373.93	-351.46	-127.75	0.69	373.96	199.98
1631.00	22.48	199.39	1559.20	398.05	-374.26	-135.64	0.40	398.08	199.92
1692.00	22.64	199.78	1615.54	421.45	-396.31	-143.48	0.36	421.49	199.90
1756.00	22.51	198.36	1674.63	446.01	-419.53	-151.51	0.88	446.05	199.86
1820.00	22.45	199.48	1733.77	470.47	-442.68	-159.44	0.68	470.52	199.81
1883.00	22.04	201.73	1792.08	494.32	-465.00	-167.83	1.50	494.36	199.85
1946.00	21.94	200.23	1850.50	517.90	-487.02	-176.28	0.91	517.94	199.90
2008.00	22.00	200.92	1908.00	541.10	-508.74	-184.43	0.43	541.14	199.93
2071.00	22.16	200.45	1966.38	564.78	-530.89	-192.79	0.38	564.82	199.96
2134.00	22.32	200.47	2024.69	588.63	-553.24	-201.13	0.25	588.66	199.98
2197.00	22.40	199.85	2082.95	612.59	-575.73	-209.39	0.40	612.63	199.99
2259.00	22.08	199.55	2140.34	636.05	-597.83	-217.30	0.55	636.09	199.98
2323.00	22.00	199.08	2199.66	660.06	-620.49	-225.24	0.30	660.11	199.95
2391.00	22.04	199.04	2262.70	685.55	-644.59	-233.57	0.06	685.60	199.92
2450.00	21.60	200.28	2317.48	707.48	-665.24	-240.94	1.08	707.53	199.91
2514.00	21.32	201.37	2377.04	730.89	-687.12	-249.27	0.76	730.94	199.94
2577.00	21.62	200.61	2435.67	753.95	-708.65	-257.53	0.65	753.99	199.97
2640.00	22.02	200.04	2494.15	777.36	-730.61	-265.66	0.72	777.41	199.98
2700.00	21.93	201.27	2549.80	799.81	-751.62	-273.58	0.78	799.86	200.00
2762.00	21.62	202.10	2607.37	822.81	-772.99	-282.07	0.70	822.85	200.05
2888.00	21.47	201.68	2724.57	869.07	-815.93	-299.33	0.17	869.10	200.15
2951.00	21.15	201.77	2783.26	891.96	-837.19	-307.80	0.51	891.98	200.19
3014.00	20.74	200.97	2842.10	914.48	-858.17	-316.01	0.79	914.50	200.22
3077.00	20.24	200.77	2901.11	936.53	-878.77	-323.86	0.80	936.55	200.23
3140.00	19.71	200.34	2960.32	958.05	-898.92	-331.42	0.87	958.07	200.24
3200.00	19.28	200.17	3016.88	978.07	-917.71	-338.35	0.72	978.09	200.24
3261.00	18.60	199.94	3074.58	997.87	-936.31	-345.14	1.12	997.89	200.24



Scientific
Drilling

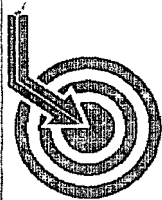
Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS
Field: San Juan
Site: San Juan County, NM
Well: San Juan 29-6 #109M
Wellpath: DH - Job #32D0507382

Date: 06/20/2007 Time: 16:14:57 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,200.61Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

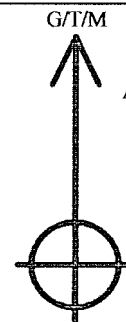
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3324.00	17.69	198.15	3134.45	1017.48	-954.85	-351.55	1.69	1017.51	200.21
3386.00	16.88	200.19	3193.65	1035.90	-972.25	-357.59	1.63	1035.92	200.19
3450.00	16.09	200.47	3255.01	1054.06	-989.28	-363.90	1.24	1054.08	200.20
3513.00	16.00	204.79	3315.56	1071.45	-1005.34	-370.60	1.90	1071.47	200.24
3575.00	14.99	205.42	3375.31	1087.96	-1020.34	-377.62	1.65	1087.97	200.31
3638.00	13.31	204.25	3436.39	1103.32	-1034.31	-384.10	2.70	1103.33	200.37
3699.00	11.00	203.02	3496.02	1116.14	-1046.07	-389.26	3.81	1116.15	200.41
3763.00	9.48	199.81	3559.00	1127.51	-1056.65	-393.43	2.54	1127.52	200.42
3825.00	8.23	199.17	3620.26	1137.05	-1065.64	-396.62	2.02	1137.06	200.41
3886.00	6.89	202.60	3680.73	1145.07	-1073.15	-399.46	2.32	1145.08	200.42
3918.00	6.11	204.50	3712.53	1148.69	-1076.47	-400.90	2.53	1148.70	200.43
3964.00	4.99	207.23	3758.31	1153.12	-1080.47	-402.83	2.50	1153.13	200.45



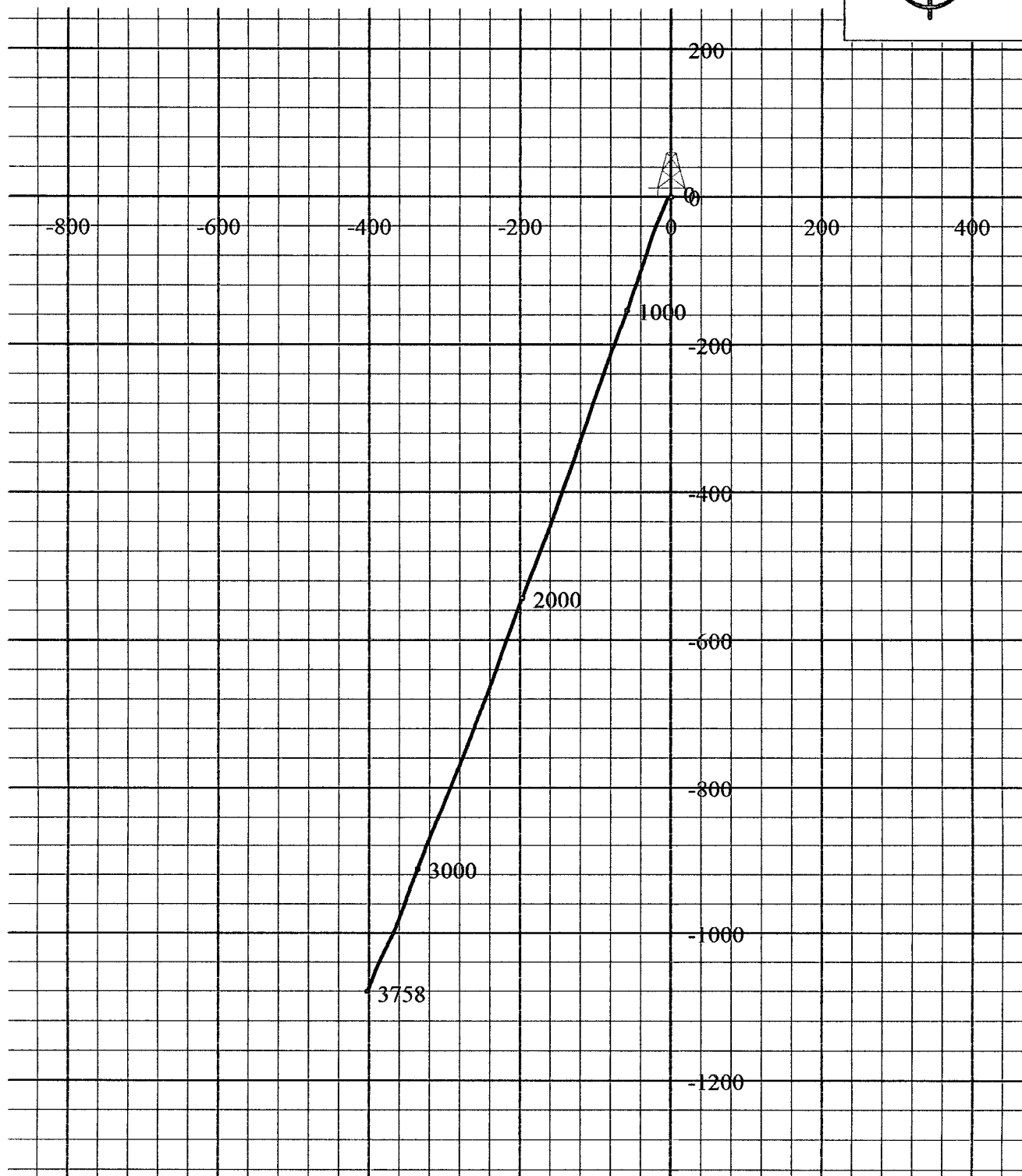
Scientific
Drilling

Field: San Juan
Site: San Juan County, NM
Well: San Juan 29-6 #109M
Wellpath: DH - Job #32D0507382
Survey: 05/12/07-05/16/07



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/20/2007
Model: igrf2000



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

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

Survey Data

Date	MD (ftKB)	Incl (°)	Method	Survey Company
5/14/2007	2,450.00	21.60	MWD	Scientific Drilling
5/14/2007	2,514.00	21.32	MWD	Scientific Drilling
5/14/2007	2,577.00	21.62	MWD	Scientific Drilling
5/14/2007	2,640.00	22.02	MWD	Scientific Drilling
5/14/2007	2,700.00	21.93	MWD	Scientific Drilling
5/14/2007	2,762.00	21.62	MWD	Scientific Drilling
5/14/2007	2,888.00	21.47	MWD	Scientific Drilling
5/14/2007	2,951.00	21.15	MWD	Scientific Drilling
5/14/2007	3,014.00	20.74	MWD	Scientific Drilling
5/14/2007	3,077.00	20.24	MWD	Scientific Drilling
5/14/2007	3,140.00	19.71	MWD	Scientific Drilling
5/14/2007	3,200.00	19.28	MWD	Scientific Drilling
5/14/2007	3,261.00	18.60	MWD	Scientific Drilling
5/14/2007	3,324.00	17.69	MWD	Scientific Drilling
5/14/2007	3,450.00	16.00	MWD	Scientific Drilling
5/15/2007	3,575.00	14.99	MWD	Scientific Drilling
5/15/2007	3,638.00	13.31	MWD	Scientific Drilling
5/15/2007	3,699.00	11.00	MWD	Scientific Drilling
5/15/2007	3,763.00	9.48	MWD	Scientific Drilling
5/15/2007	3,825.00	8.23	MWD	Scientific Drilling
5/16/2007	3,886.00	6.89	MWD	Scientific Drilling
5/16/2007	7,850.00	1.00	MWD	Phoenix

RCVD AUG 24 '07

OIL CONS. DIV.

DIST: 3

I, the undersigned, certify that I acting in my capacity as DILLING 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 14TH DAY OF AUGUST 2007



Notary Public in and for San Juan County, New Mexico

My Commission expires Jan 24, 2011

ConocoPhillips**COP Deviation Report**
SAN JUAN 29-6 UNIT #109M

Operator CONOCOPHILLIPS	Legal WellName SAN JUAN 29-6 UNIT #109M	API / UWI 3003930233	County RIO ARRIBA	State/Province NEW MEXICO
Surface Legal Location SEC:32;TWN:029N;RNG:006W	N/S Dist (ft) 2,345.00	N/S Ref N	E/W Dist (ft) 1,110.00	E/W Ref W

Survey Data				
Date	MD (ftKB)	Incl (°)	Method	Survey Company
	217.00	1.50		
5/13/2007	236.00	0.62	MWD	Scientific Drilling
5/13/2007	324.00	1.03	MWD	Scientific Drilling
5/13/2007	385.00	3.14	MWD	Scientific Drilling
5/13/2007	446.00	5.63	MWD	Scientific Drilling
5/13/2007	507.00	8.08	MWD	Scientific Drilling
5/13/2007	568.00	9.82	MWD	Scientific Drilling
5/13/2007	629.00	11.99	MWD	Scientific Drilling
5/13/2007	691.00	14.89	MWD	Scientific Drilling
5/13/2007	751.00	17.27	MWD	Scientific Drilling
5/13/2007	813.00	20.24	MWD	Scientific Drilling
5/13/2007	877.00	21.66	MWD	Scientific Drilling
5/13/2007	939.00	22.11	MWD	Scientific Drilling
5/13/2007	1,002.00	22.13	MWD	Scientific Drilling
5/13/2007	1,064.00	22.40	MWD	Scientific Drilling
5/13/2007	1,128.00	22.70	MWD	Scientific Drilling
5/13/2007	1,191.00	23.03	MWD	Scientific Drilling
5/13/2007	1,255.00	22.54	MWD	Scientific Drilling
5/13/2007	1,317.00	22.46	MWD	Scientific Drilling
5/13/2007	1,380.00	22.78	MWD	Scientific Drilling
5/13/2007	1,443.00	22.93	MWD	Scientific Drilling
5/13/2007	1,505.00	22.94	MWD	Scientific Drilling
5/13/2007	1,568.00	22.56	MWD	Scientific Drilling
5/13/2007	1,631.00	22.48	MWD	Scientific Drilling
5/13/2007	1,692.00	22.64	MWD	Scientific Drilling
5/13/2007	1,756.00	22.51	MWD	Scientific Drilling
5/13/2007	1,820.00	22.45	MWD	Scientific Drilling
5/13/2007	1,883.00	22.04	MWD	Scientific Drilling
5/13/2007	1,946.00	21.94	MWD	Scientific Drilling
5/13/2007	2,008.00	22.00	MWD	Scientific Drilling
5/13/2007	2,071.00	22.16	MWD	Scientific Drilling
5/13/2007	2,134.00	22.32	MWD	Scientific Drilling
5/13/2007	2,197.00	22.40	MWD	Scientific Drilling
5/13/2007	2,259.00	22.08	MWD	Scientific Drilling
5/13/2007	2,323.00	22.00	MWD	Scientific Drilling
5/13/2007	2,391.00	22.04	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 _____