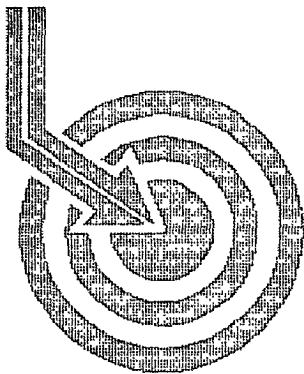




Scientific Drilling

CONOCOPHILLIPS

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-6 #71M
Wellpath: DH - Job #32D0407292
Survey: 04/08/07-05/05/07

30-039-30133
Surface 1240/N 1465/E
BHL 1680/N 804/E

MD - 8160
Tvd 8054

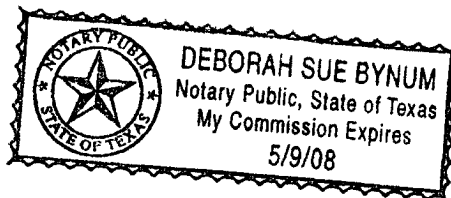
RCVD JUL30'07
OIL CONS. DIV.
DIST. 3

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

Shantanu Company Representative

Notorized this date 25th of June, 2007.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



8/31



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS	Date: 06/20/2007	Time: 16:31:20	Page: 1
Field: San Juan	Co-ordinate(N/E) Reference:	Site: Rio Arriba County, NM, Grid North	
Site: Rio Arriba County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: San Juan 29-6 #71M	Section (VS) Reference:	Well (0.00N,0.00E,123.49Azi)	
Wellpath: DH - Job #32D0407292	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey: 04/08/07-05/05/07	Start Date: 04/08/2007
Company: Scientific Drilling Internatio	Engineer: Calvert/Lowe/Heikkinen/Gillesp
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
307.00	1.46	193.77	306.97	1.32	-3.80	-0.93	0.48	3.91	193.77
369.00	1.13	151.96	368.95	2.12	-5.11	-0.83	1.57	5.17	189.25
431.00	1.52	135.68	430.94	3.46	-6.23	0.03	0.87	6.23	179.72
493.00	2.50	112.96	492.90	5.60	-7.35	1.85	2.01	7.58	165.87
553.00	3.71	107.69	552.81	8.75	-8.45	4.90	2.07	9.77	149.87
615.00	4.55	114.98	614.65	13.12	-10.10	9.04	1.60	13.56	138.15
676.00	5.55	120.07	675.41	18.45	-12.60	13.79	1.79	18.68	132.41
738.00	6.93	122.80	737.04	25.19	-16.13	19.53	2.28	25.33	129.55
800.00	7.44	126.77	798.55	32.93	-20.56	25.89	1.15	33.06	128.45
864.00	8.72	128.53	861.92	41.90	-26.06	33.00	2.04	42.05	128.29
927.00	9.45	125.68	924.13	51.83	-32.05	40.94	1.36	51.99	128.05
990.00	9.70	125.13	986.25	62.30	-38.12	49.48	0.42	62.46	127.61
1053.00	11.20	125.52	1048.20	73.72	-44.73	58.80	2.38	73.88	127.26
1116.00	11.04	124.81	1110.02	85.87	-51.73	68.74	0.33	86.03	126.96
1179.00	12.04	123.49	1171.75	98.47	-58.80	79.17	1.64	98.61	126.60
1242.00	12.99	119.18	1233.25	112.10	-65.87	90.83	2.11	112.20	125.95
1304.00	14.13	118.51	1293.52	126.59	-72.88	103.57	1.86	126.64	125.14
1367.00	14.01	118.10	1354.63	141.84	-80.15	117.05	0.25	141.86	124.40
1430.00	14.70	119.89	1415.66	157.41	-87.72	130.71	1.30	157.42	123.87
1493.00	15.09	122.03	1476.55	173.59	-96.06	144.59	1.07	173.59	123.60
1554.00	16.59	123.73	1535.23	190.24	-105.10	158.56	2.57	190.24	123.54
1617.00	17.55	124.69	1595.45	208.73	-115.50	173.86	1.59	208.73	123.60
1679.00	18.47	125.51	1654.42	227.89	-126.53	189.54	1.54	227.89	123.73
1741.00	18.62	125.60	1713.20	247.59	-137.99	205.58	0.25	247.60	123.87
1804.00	18.27	124.86	1772.96	267.52	-149.49	221.86	0.67	267.53	123.97
1866.00	17.86	125.52	1831.90	286.73	-160.57	237.57	0.74	286.75	124.05
1929.00	18.83	123.97	1891.70	306.56	-171.87	253.87	1.72	306.57	124.10
1992.00	18.60	124.25	1951.37	326.77	-183.20	270.60	0.39	326.79	124.10
2054.00	18.51	122.64	2010.15	346.50	-194.07	287.07	0.84	346.51	124.06
2117.00	18.41	122.23	2069.91	366.44	-204.77	303.90	0.26	366.45	123.97
2178.00	18.56	122.81	2127.76	385.78	-215.17	320.21	0.39	385.79	123.90
2239.00	18.44	122.49	2185.61	405.13	-225.61	336.51	0.26	405.14	123.84
2302.00	19.35	122.93	2245.21	425.53	-236.64	353.67	1.46	425.54	123.79
2365.00	19.32	122.76	2304.66	446.39	-247.95	371.20	0.10	446.39	123.74
2428.00	18.92	123.47	2364.18	467.02	-259.23	388.48	0.73	467.03	123.71
2490.00	18.56	122.98	2422.90	486.94	-270.14	405.14	0.63	486.94	123.69
2554.00	18.42	123.93	2483.59	507.24	-281.33	422.08	0.52	507.24	123.68
2617.00	19.21	124.41	2543.22	527.55	-292.74	438.88	1.28	527.56	123.70
2680.00	18.80	124.64	2602.79	548.07	-304.37	455.79	0.66	548.07	123.73
2744.00	18.59	123.24	2663.41	568.58	-315.82	472.80	0.77	568.58	123.74
2807.00	18.33	123.43	2723.17	588.53	-326.78	489.47	0.42	588.53	123.73
2870.00	17.51	121.38	2783.12	607.91	-337.18	505.83	1.64	607.91	123.69
2933.00	16.73	120.50	2843.32	626.43	-346.72	521.73	1.30	626.43	123.61
2997.00	16.15	121.48	2904.71	644.53	-356.04	537.26	1.00	644.53	123.53
3061.00	14.72	121.82	2966.40	661.55	-364.97	551.76	2.24	661.55	123.48
3124.00	13.34	125.54	3027.52	676.82	-373.42	564.48	2.62	676.82	123.49
3188.00	12.14	125.19	3089.94	690.92	-381.59	575.99	1.88	690.92	123.52
3250.00	11.80	123.95	3150.59	703.78	-388.89	586.57	0.69	703.78	123.54



Scientific Drilling International Survey Report

Company: CONOCOPHILLIPS Date: 06/20/2007 Time: 16:31:20 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 29-6 #71M Section (VS) Reference: Well (0.00N,0.00E,123.49Azi)
Wellpath: DH Job #32D0407292 Survey Calculation Method: Minimum Curvature Db: Sybase

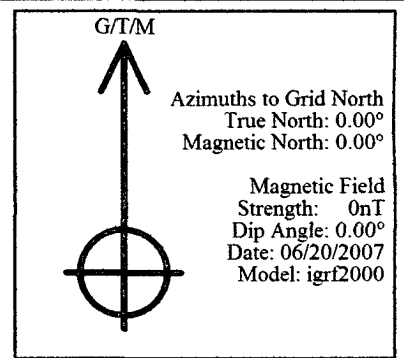
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3314.00	11.01	125.14	3213.33	716.43	-396.06	597.00	1.29	716.43	123.56
3374.00	9.93	125.10	3272.33	727.33	-402.33	605.92	1.80	727.33	123.58
3438.00	8.78	126.07	3335.48	737.72	-408.38	614.38	1.81	737.73	123.61
3500.00	8.73	126.02	3396.75	747.15	-413.93	622.01	0.08	747.15	123.64
3562.00	7.71	123.02	3458.12	756.01	-418.97	629.30	1.78	756.01	123.65
3625.00	6.48	122.24	3520.63	763.79	-423.17	635.86	1.96	763.79	123.64
3688.00	5.65	123.00	3583.28	770.45	-426.75	641.46	1.32	770.45	123.64
3750.00	4.76	122.42	3645.02	776.07	-429.79	646.19	1.44	776.07	123.63
3812.00	4.83	124.41	3706.81	781.25	-432.65	650.52	0.29	781.26	123.63
3875.00	3.73	125.39	3769.63	785.95	-435.33	654.38	1.75	785.96	123.63
3938.00	2.70	127.85	3832.53	789.48	-437.43	657.22	1.65	789.48	123.65
4001.00	1.74	120.76	3895.48	791.92	-438.83	659.21	1.58	791.92	123.65
4063.00	0.77	127.27	3957.47	793.27	-439.56	660.35	1.58	793.28	123.65
4079.00	0.76	113.99	3973.47	793.48	-439.67	660.54	1.11	793.49	123.65
4125.00	0.73	75.81	4019.46	793.98	-439.73	661.10	1.06	793.98	123.63



**Scientific
Drilling**

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-6 #71M
Wellpath: DH - Job #32D0407292
Survey: 04/08/07-05/05/07



West(-)/East(+) [100ft/in]

