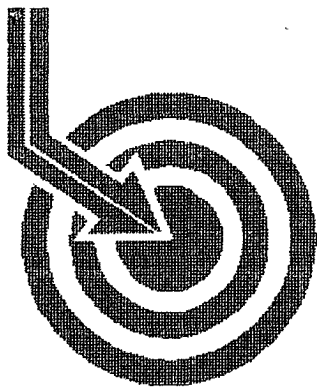




Scientific Drilling



Surface Loc: 1225/S 1400/W
BAL: 1246/S 35/W

BURLINGTON RESOURCES

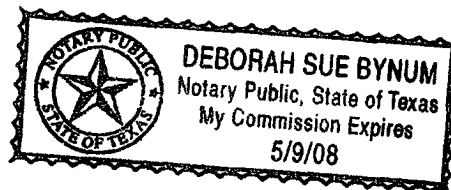
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #61M
Wellpath: DH - Job #32D1205878
Survey: 12/02/05-12/15/05

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

[Signature].....Company Representative

Notorized this date 14th of February, 2005.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #61M
Wellpath: DH - Job #32D1205878

Date: 02/12/2006 Time: 17:49:49 Page: 1
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,271.06Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 12/02/05-12/15/05
E-field 400'-4555' (assumed vertical @ 400'MD)
Company: Scientific Drilling Internatio
Tool: MWD;MWD

Start Date: 12/02/2005
Engineer: Calvert/Cheatwood/Hicks/Gilles
Tied-to: User Defined

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
452.00	1.64	303.00	451.99	0.63	0.41	-0.62	3.15	0.74	303.00
483.00	2.40	294.99	482.97	1.60	0.92	-1.58	2.61	1.83	300.17
512.00	3.67	293.59	511.93	3.01	1.55	-2.99	4.39	3.36	297.42
542.00	4.98	287.27	541.85	5.15	2.32	-5.11	4.64	5.61	294.42
572.00	5.99	288.75	571.71	7.89	3.21	-7.83	3.40	8.47	292.28
602.00	6.93	285.48	601.52	11.14	4.20	-11.06	3.36	11.83	290.77
633.00	8.40	285.05	632.24	15.15	5.28	-15.05	4.75	15.95	289.34
664.00	9.41	282.51	662.87	19.83	6.42	-19.71	3.50	20.73	288.04
695.00	10.99	279.57	693.38	25.23	7.46	-25.10	5.36	26.18	286.55
726.00	12.50	277.39	723.73	31.49	8.38	-31.34	5.08	32.44	284.98
757.00	14.32	275.30	753.88	38.65	9.17	-38.49	6.07	39.56	283.40
788.00	15.10	268.97	783.86	46.51	9.45	-46.34	5.76	47.29	281.53
819.00	16.54	270.25	813.69	54.96	9.40	-54.79	4.78	55.59	279.73
848.00	18.29	270.35	841.36	63.63	9.44	-63.47	6.04	64.17	278.46
879.00	19.27	268.70	870.71	73.61	9.36	-73.45	3.60	74.04	277.26
909.00	19.92	268.10	898.97	83.66	9.07	-83.51	2.27	84.00	276.20
940.00	21.23	268.67	927.99	94.54	8.77	-94.39	4.27	94.80	275.31
971.00	22.02	268.28	956.81	105.95	8.46	-105.82	2.59	106.15	274.57
1002.00	22.05	266.98	985.55	117.56	7.98	-117.43	1.58	117.71	273.89
1033.00	22.62	267.25	1014.22	129.32	7.39	-129.20	1.87	129.41	273.27
1063.00	22.63	265.94	1041.91	140.82	6.71	-140.72	1.68	140.88	272.73
1094.00	23.22	265.84	1070.46	152.85	5.84	-152.76	1.91	152.88	272.19
1125.00	23.66	266.23	1098.91	165.13	4.99	-165.07	1.50	165.14	271.73
1156.00	24.00	266.36	1127.26	177.61	4.18	-177.57	1.11	177.61	271.35
1219.00	23.64	265.76	1184.90	202.96	2.43	-202.95	0.69	202.96	270.69
1250.00	23.82	265.68	1213.28	215.38	1.50	-215.39	0.59	215.39	270.40
1282.00	24.27	266.20	1242.50	228.37	0.58	-228.39	1.55	228.39	270.14
1312.00	23.51	268.03	1269.93	240.48	-0.04	-240.53	3.54	240.53	269.99
1343.00	23.43	268.26	1298.36	252.82	-0.44	-252.87	0.39	252.87	269.90
1375.00	23.62	268.61	1327.70	265.57	-0.79	-265.63	0.74	265.64	269.83
1438.00	22.26	271.54	1385.72	290.12	-0.77	-290.18	2.82	290.18	269.85
1469.00	22.22	273.30	1414.42	301.85	-0.28	-301.90	2.15	301.90	269.95
1500.00	21.67	274.20	1443.17	313.42	0.48	-313.46	2.08	313.46	270.09
1531.00	21.90	274.59	1471.96	324.90	1.36	-324.93	0.88	324.94	270.24
1594.00	21.15	272.71	1530.56	347.99	2.84	-348.00	1.62	348.01	270.47
1656.00	21.20	271.39	1588.38	370.38	3.64	-370.38	0.77	370.40	270.56
1686.00	21.12	270.10	1616.35	381.21	3.78	-381.21	1.57	381.23	270.57
1749.00	21.76	271.19	1675.00	404.24	4.04	-404.23	1.20	404.25	270.57
1812.00	21.46	270.13	1733.57	427.44	4.31	-427.43	0.78	427.45	270.58
1843.00	21.40	269.75	1762.42	438.76	4.30	-438.76	0.49	438.78	270.56
1873.00	21.88	270.60	1790.31	449.82	4.34	-449.82	1.91	449.84	270.55
1905.00	21.46	269.39	1820.05	461.64	4.34	-461.64	1.92	461.66	270.54
1936.00	21.21	269.37	1848.92	472.91	4.21	-472.91	0.81	472.93	270.51
1999.00	21.20	267.68	1907.66	495.67	3.63	-495.69	0.97	495.71	270.42
2031.00	21.57	268.18	1937.46	507.33	3.21	-507.35	1.29	507.36	270.36
2062.00	21.88	267.75	1966.25	518.78	2.80	-518.82	1.12	518.83	270.31
2094.00	22.32	268.71	1995.90	530.81	2.43	-530.85	1.78	530.86	270.26
2125.00	21.11	268.82	2024.70	542.27	2.18	-542.32	3.91	542.32	270.23



Scientific Drilling International Survey Report

Company: BURLINGTON RESOURCES
Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #61M
Wellpath: DH - Job #32D1205878

Date: 02/12/2006 Time: 17:49:49 Page: 2
Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,271.06Azi)
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
2156.00	20.13	268.88	2053.72	553.18	1.96	-553.23	3.16	553.24	270.20
2188.00	20.89	268.25	2083.69	564.38	1.68	-564.44	2.47	564.45	270.17
2251.00	20.20	270.30	2142.68	586.47	1.39	-586.55	1.58	586.55	270.14
2314.00	20.92	270.75	2201.67	608.60	1.60	-608.67	1.17	608.67	270.15
2376.00	22.58	273.28	2259.25	631.56	2.42	-631.62	3.07	631.63	270.22
2436.00	22.72	272.43	2314.63	654.66	3.57	-654.70	0.59	654.71	270.31
2499.00	23.18	272.16	2372.64	679.22	4.56	-679.25	0.75	679.26	270.38
2562.00	23.00	269.53	2430.59	703.92	4.92	-703.95	1.66	703.96	270.40
2593.00	22.02	268.44	2459.23	715.78	4.72	-715.81	3.44	715.83	270.38
2654.00	22.80	266.55	2515.62	738.98	3.69	-739.04	1.74	739.05	270.29
2716.00	23.71	268.22	2572.59	763.41	2.58	-763.49	1.81	763.50	270.19
2779.00	23.43	268.20	2630.33	788.57	1.80	-788.67	0.44	788.67	270.13
2842.00	23.44	269.66	2688.14	813.61	1.33	-813.72	0.92	813.72	270.09
2903.00	23.67	272.57	2744.05	837.98	1.81	-838.09	1.94	838.09	270.12
2966.00	23.79	275.98	2801.73	863.28	3.70	-863.36	2.19	863.37	270.25
3029.00	23.04	274.74	2859.54	888.24	6.04	-888.28	1.42	888.30	270.39
3092.00	23.44	276.74	2917.43	913.02	8.53	-913.01	1.40	913.05	270.54
3153.00	22.62	276.29	2973.57	936.77	11.24	-936.72	1.37	936.79	270.69
3215.00	22.79	274.95	3030.77	960.62	13.58	-960.54	0.88	960.63	270.81
3276.00	22.60	276.83	3087.04	984.07	15.99	-983.95	1.23	984.08	270.93
3337.00	22.74	276.40	3143.33	1007.47	18.70	-1007.30	0.36	1007.47	271.06
3399.00	22.14	272.87	3200.64	1031.08	20.62	-1030.88	2.38	1031.08	271.15
3461.00	22.32	271.89	3258.03	1054.53	21.60	-1054.31	0.66	1054.53	271.17
3523.00	21.98	271.04	3315.45	1077.91	22.19	-1077.68	0.75	1077.91	271.18
3586.00	21.93	269.05	3373.89	1101.45	22.21	-1101.23	1.18	1101.46	271.16
3648.00	22.44	268.46	3431.30	1124.85	21.70	-1124.64	0.90	1124.85	271.11
3710.00	22.48	267.43	3488.59	1148.50	20.85	-1148.31	0.64	1148.50	271.04
3773.00	22.42	264.05	3546.82	1172.44	19.07	-1172.29	2.05	1172.45	270.93
3836.00	22.59	262.36	3605.02	1196.33	16.21	-1196.23	1.06	1196.34	270.78
3898.00	21.51	265.34	3662.49	1219.41	13.71	-1219.37	2.51	1219.44	270.64
3960.00	19.33	268.74	3720.59	1240.98	12.56	-1240.96	4.00	1241.02	270.58
4022.00	18.70	271.51	3779.21	1261.17	12.59	-1261.15	1.77	1261.21	270.57
4054.00	17.58	275.92	3809.62	1271.11	13.23	-1271.09	5.53	1271.16	270.60
4085.00	17.27	272.80	3839.20	1280.38	13.94	-1280.34	3.18	1280.42	270.62
4147.00	16.48	273.39	3898.53	1298.36	14.91	-1298.31	1.30	1298.40	270.66
4210.00	14.73	273.84	3959.20	1315.29	15.97	-1315.22	2.78	1315.32	270.70
4242.00	12.66	271.87	3990.29	1322.86	16.36	-1322.79	6.63	1322.89	270.71
4305.00	10.32	270.48	4052.03	1335.41	16.63	-1335.33	3.74	1335.44	270.71
4336.00	9.18	268.20	4082.58	1340.66	16.58	-1340.58	3.88	1340.68	270.71
4366.00	8.71	274.19	4112.21	1345.32	16.67	-1345.24	3.48	1345.34	270.71
4398.00	8.06	278.05	4143.87	1349.96	17.16	-1349.88	2.69	1349.99	270.73
4430.00	7.15	283.15	4175.59	1354.14	17.92	-1354.04	3.54	1354.16	270.76
4462.00	6.32	282.64	4207.37	1357.81	18.76	-1357.70	2.60	1357.83	270.79
4492.00	4.88	285.26	4237.23	1360.67	19.46	-1360.54	4.87	1360.68	270.82
4510.00	4.49	290.70	4255.17	1362.07	19.91	-1361.94	3.28	1362.08	270.84
4555.00	3.52	304.30	4300.06	1364.89	21.31	-1364.72	3.00	1364.89	270.89



Scientific
Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #61M
Wellpath: DH - Job #32D1205878
Survey: 12/02/05-12/15/05

