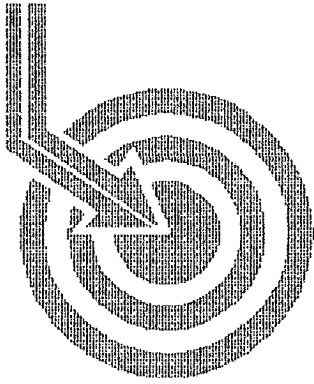




Scientific Drilling



30-039-29556

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

Surface 1225/S 1400/W } 34-24N-78W.
B/L 1246/S 35/W }

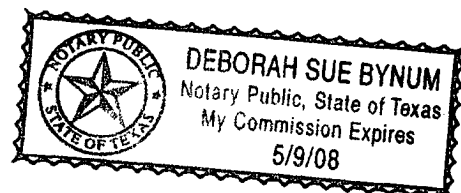
This survey is correct to the best of my knowledge
and is supported by actual field data.

Blhartr.....Company Representative

Notorized this date 14th of February, 2005.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

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

