Scientific Drilling

30-039-29773

BURLINGTON RESOURCES

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #100M
Wellpath: DH - Job #32D0306266
Survey: 04/01/06-04/17/06

Surface 560/S 780/W Sec 6 29N 7W
BHL 461/N 1719/W Sec 7 29N 7W
TVD 7541'
MD 7799'

JUL 2006
OIL CONS. DIV.
DIST. 3

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

.....Company Representative

Notorized this date 11th of June, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas

NOTARY PUBLIC STATE OF TEXAS
DEBORAH SUE BYNUM
Notary Public, State of Texas
My Commission Expires
5/9/08

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	BURLINGTON RESOURCES	**Date:**	06/11/2006	**Time:** 21:02:36	**Page:** 1
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 29-7 #100M	**Section (VS) Reference:**	Well (0.00N,0.00E,139.31Azi)		
Wellpath:	DH - Job #32D0306266	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	04/01/06-04/17/06 E-field 0'-4527'	**Start Date:**	04/01/2006
Company:	Scientific Drilling Internatio	**Engineer:**	Calvert/Fowler/Woolfolk/Gilles
Tool:	E-field;E-field	**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
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
460.00	0.35	88.79	460.00	0.12	0.00	0.18	0.58	0.18	88.79
520.00	4.26	136.98	519.94	2.46	-1.62	1.89	6.73	2.49	130.68
581.00	8.19	138.40	580.57	9.07	-6.53	6.32	6.45	9.09	135.94
643.00	11.80	140.10	641.62	19.83	-14.70	13.32	5.84	19.84	137.82
705.00	15.13	140.10	701.91	34.26	-25.77	22.58	5.37	34.26	138.78
736.00	16.00	140.37	731.77	42.58	-32.17	27.90	2.82	42.58	139.06
799.00	16.41	140.23	792.27	60.16	-45.69	39.13	0.65	60.16	139.42
860.00	17.33	139.80	850.64	77.86	-59.26	50.51	1.52	77.86	139.56
923.00	18.05	139.71	910.66	97.00	-73.87	62.88	1.14	97.00	139.60
985.00	19.68	140.25	969.33	117.05	-89.22	75.76	2.64	117.05	139.66
1048.00	22.25	141.07	1028.15	139.58	-106.66	90.04	4.11	139.59	139.83
1111.00	22.97	140.27	1086.31	163.79	-125.39	105.40	1.24	163.80	139.95
1205.00	23.19	138.99	1172.79	200.64	-153.46	129.26	0.58	200.65	139.89
1297.00	23.41	140.13	1257.28	237.03	-181.16	152.87	0.55	237.04	139.84
1389.00	23.50	140.47	1341.68	273.64	-209.33	176.26	0.18	273.66	139.90
1484.00	23.91	139.21	1428.67	311.83	-238.52	200.89	0.69	311.85	139.89
1577.00	24.20	139.41	1513.59	349.74	-267.26	225.60	0.32	349.75	139.83
1673.00	24.31	139.17	1601.12	389.17	-297.16	251.33	0.15	389.19	139.78
1775.00	22.28	138.22	1694.80	429.51	-327.46	277.94	2.02	429.51	139.68
1871.00	21.97	137.41	1783.73	465.65	-354.26	302.22	0.45	465.65	139.53
1996.00	21.52	137.28	1899.83	511.93	-388.32	333.59	0.36	511.93	139.33
2090.00	21.48	136.32	1987.29	546.35	-413.43	357.18	0.38	546.35	139.17
2177.00	21.68	138.81	2068.20	578.33	-437.04	378.76	1.08	578.33	139.09
2209.00	22.08	138.54	2097.89	590.25	-446.00	386.64	1.29	590.25	139.08
2303.00	22.16	139.03	2184.97	625.64	-472.62	409.96	0.21	625.65	139.06
2397.00	22.12	138.88	2272.04	661.07	-499.34	433.22	0.07	661.08	139.06
2491.00	21.91	140.02	2359.19	696.30	-526.11	456.13	0.51	696.31	139.08
2585.00	20.61	140.01	2446.79	730.38	-552.23	478.03	1.38	730.39	139.12
2677.00	21.39	140.20	2532.68	763.35	-577.52	499.17	0.85	763.35	139.16
2769.00	21.80	140.62	2618.22	797.20	-603.62	520.75	0.48	797.21	139.22
2894.00	22.16	140.27	2734.13	843.98	-639.69	550.55	0.31	843.98	139.28
2988.00	22.38	140.20	2821.12	879.60	-667.07	573.33	0.24	879.60	139.32
3083.00	23.10	140.61	2908.74	916.31	-695.37	596.74	0.78	916.31	139.37
3178.00	24.80	137.02	2995.56	954.86	-724.35	622.15	2.36	954.86	139.34
3272.00	22.00	138.35	3081.82	992.17	-751.94	647.29	3.03	992.17	139.28
3367.00	23.01	139.53	3169.58	1028.53	-779.36	671.17	1.16	1028.53	139.27
3460.00	22.08	140.09	3255.48	1064.18	-806.59	694.18	1.03	1064.18	139.28
3555.00	22.92	139.20	3343.24	1100.54	-834.29	717.73	0.95	1100.54	139.30
3682.00	23.09	141.23	3460.15	1150.16	-872.43	749.48	0.64	1150.16	139.34
3775.00	23.12	142.41	3545.69	1186.61	-901.12	772.04	0.50	1186.62	139.41
3870.00	23.51	140.65	3632.93	1224.18	-930.55	795.43	0.84	1224.19	139.48
3964.00	20.17	139.36	3720.17	1259.14	-957.35	817.88	3.59	1259.15	139.49
4056.00	17.06	138.94	3807.35	1288.50	-979.57	837.08	3.38	1288.51	139.48
4148.00	14.48	135.55	3895.88	1313.48	-997.96	854.00	2.98	1313.48	139.44
4242.00	11.74	135.00	3987.42	1334.75	-1013.11	869.00	2.92	1334.75	139.38
4336.00	8.16	131.42	4079.99	1350.90	-1024.29	880.77	3.86	1350.90	139.31
4432.00	4.15	132.05	4175.42	1361.10	-1031.13	888.46	4.18	1361.10	139.25

Scientific Drilling

Scientific Drilling International
Survey Report

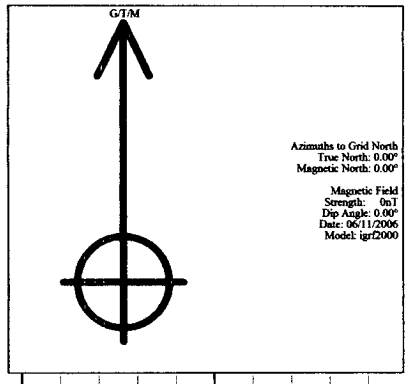
Company:	BURLINGTON RESOURCES	**Date:** 06/11/2006	**Time:** 21:02:36	**Page:**	2
Field:	San Juan	**Co-ordinate(NE) Reference:**	Site: Rio Arriba County, NM, Grid North		
Site:	Rio Arriba County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	San Juan 29-7 #100M	**Section (VS) Reference:**	Well (0.00N,0.00E,139.31Azi)		
Wellpath:	DH - Job #32D0306266	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

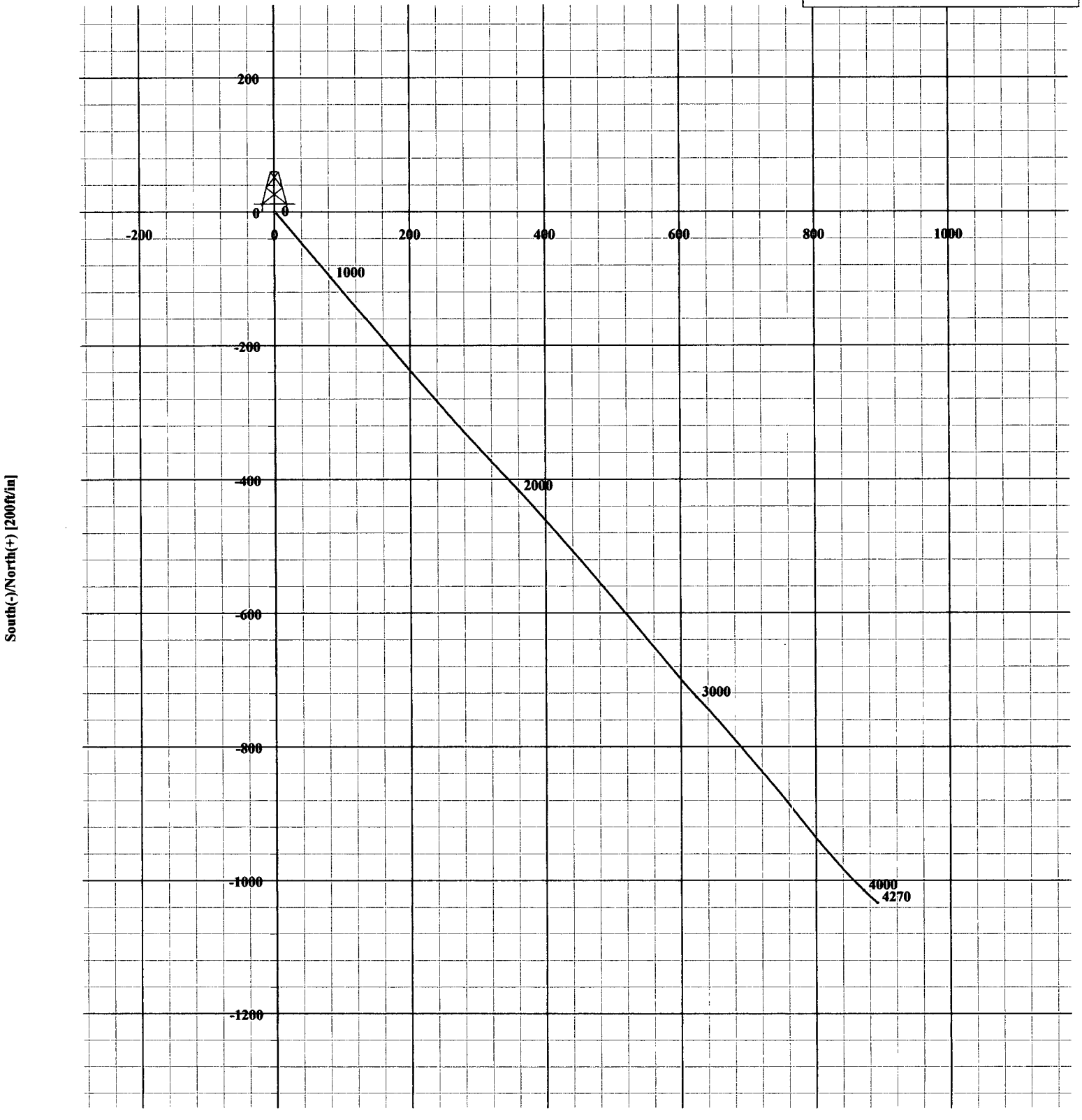
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4481.00	2.24	131.27	4224.34	1363.80	-1032.95	890.49	3.90	1363.80	139.24
4527.00	0.45	130.00	4270.33	1364.87	-1033.66	891.31	3.89	1364.87	139.23

Scientific Drilling

Field: San Juan
Site: Rio Arriba County, NM
Well: San Juan 29-7 #100M
Wellpath: DH - Job #32D0306266
Survey: 04/01/06-04/17/06





BURLINGTON RESOURCES OIL & GAS - SJD

Deviation Summary

Legal Well Name:	SAN JUAN 29-7 UNIT #100M	Spud Date:	4/9/2006
Common Well Name:	SAN JUAN 29-7 UNIT #100M	Start:	4/8/2006
Event Name:	ORIG DRLG	End:	4/23/2006
Contractor Name:	AZTEC WELL SERVICE	Rig Release:	4/23/2006
Rig Name:	AZTEC	Rig Number:	673
TMD: 7,799.00 (ft)	TVD: 7,541.39 (ft)	Calculation Method:	Minimum Curvature

S/T #	V.S. AZI (°)
OH	139.31

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	0.00	0.000	0.000	NYN	0.00	0.00	0.00	0.00	0.00	0.00	
OH	48.00	0.750	0.000	YNN	48.00	0.31	0.00	105.39	1.56	1.56	TC
OH	108.00	1.000	0.000	YNN	107.99	1.23	0.00	104.70	0.42	0.42	TC
OH	199.00	0.500	0.000	YNN	198.98	2.42	0.00	103.80	0.55	-0.55	TC
OH	366.00	0.750	0.000	YNN	365.97	4.24	0.00	102.41	0.15	0.15	TC
OH	460.00	0.350	88.790	YNN	459.97	4.86	0.29	102.13	0.87	-0.43	MD
OH	520.00	4.260	136.980	YNN	519.91	3.24	1.99	104.47	6.73	6.52	MD
OH	581.00	8.190	138.400	YNN	580.54	-1.67	6.42	111.09	6.45	6.44	MD
OH	643.00	11.800	140.100	YNN	641.59	-9.84	13.42	121.84	5.84	5.82	MD
OH	705.00	15.130	140.100	YNN	701.88	-20.91	22.68	136.28	5.37	5.37	MD
OH	736.00	16.000	140.370	YNN	731.74	-27.31	28.00	144.59	2.82	2.81	MD
OH	799.00	16.410	140.230	YNN	792.24	-40.83	39.23	162.17	0.65	0.65	MD
OH	860.00	17.330	139.800	YNN	850.61	-54.40	50.61	179.87	1.52	1.51	MD
OH	923.00	18.050	139.710	YNN	910.63	-69.01	62.98	199.02	1.14	1.14	MD
OH	985.00	19.680	140.250	YNN	969.30	-84.36	75.87	219.06	2.64	2.63	MD
OH	1,048.00	22.250	141.070	YNN	1,028.12	-101.80	90.15	241.59	4.11	4.08	MD
OH	1,111.00	22.970	140.270	YNN	1,086.28	-120.53	105.50	265.81	1.24	1.14	MD
OH	1,205.00	23.190	138.990	YNN	1,172.76	-148.60	129.37	302.65	0.58	0.23	MD
OH	1,297.00	23.410	140.130	YNN	1,257.25	-176.30	152.97	339.04	0.55	0.24	MD
OH	1,389.00	23.500	140.470	YNN	1,341.65	-204.47	176.36	375.65	0.18	0.10	MD
OH	1,484.00	23.910	139.210	YNN	1,428.64	-233.66	200.99	413.84	0.69	0.43	MD
OH	1,577.00	24.200	139.410	YNN	1,513.56	-262.40	225.71	451.75	0.32	0.31	MD
OH	1,673.00	24.310	139.170	YNN	1,601.09	-292.30	251.43	491.19	0.15	0.11	
OH	1,775.00	22.280	139.170	YNN	1,694.77	-322.82	277.80	531.52	1.99	-1.99	
OH	1,871.00	21.970	137.410	YNN	1,783.70	-349.81	301.85	567.67	0.76	-0.32	
OH	1,996.00	21.520	137.280	YNN	1,899.80	-383.87	333.23	613.95	0.36	-0.36	
OH	2,090.00	21.480	136.320	YNN	1,987.26	-408.98	356.81	648.37	0.38	-0.04	
OH	2,177.00	21.680	138.810	YNN	2,068.17	-432.59	378.40	680.35	1.08	0.23	

BURLINGTON RESOURCES OIL & GAS - SJD

Deviation Summary

Legal Well Name:	SAN JUAN 29-7 UNIT #100M	Spud Date:	4/9/2006
Common Well Name:	SAN JUAN 29-7 UNIT #100M	Start:	4/8/2006
Event Name:	ORIG DRLG	End:	4/23/2006
Contractor Name:	AZTEC WELL SERVICE	Rig Release:	4/23/2006
Rig Name:	AZTEC	Rig Number:	673
TMD: 7,799.00 (ft)	TVD: 7,541.39 (ft)	Calculation Method:	Minimum Curvature

S/T #	V.S. AZI (°)
OH	139.31

S/T #	TMD (ft)	Angle (°)	Azimuth (°)	CTM	TVD (ft)	N/-S (ft)	E/-W (ft)	Section (ft)	DLS (°/100ft)	BUR (°/100ft)	Type
OH	2,209.00	22.080	138.540	YNN	2,097.86	-441.55	386.27	692.27	1.29	1.25	
OH	2,303.00	22.160	139.030	YNN	2,184.94	-468.17	409.59	727.66	0.21	0.09	
OH	2,397.00	22.120	138.880	YNN	2,272.01	-494.89	432.86	763.09	0.07	-0.04	
OH	2,491.00	21.910	140.020	YNN	2,359.16	-521.66	455.76	798.32	0.51	-0.22	
OH	2,585.00	20.610	140.010	YNN	2,446.76	-547.78	477.67	832.40	1.38	-1.38	
OH	2,677.00	21.390	140.200	YNN	2,532.65	-573.07	498.81	865.37	0.85	0.85	
OH	2,769.00	21.800	140.620	YNN	2,618.19	-599.17	520.39	899.22	0.48	0.45	MD
OH	2,894.00	22.160	140.270	YNN	2,734.10	-635.24	550.18	946.00	0.31	0.29	MD
OH	2,988.00	22.380	140.200	YNN	2,821.09	-662.62	572.97	981.62	0.24	0.23	MD
OH	3,083.00	23.100	140.610	YNN	2,908.71	-690.92	596.37	1,018.33	0.78	0.76	MD
OH	3,178.00	24.800	137.020	YNN	2,995.53	-719.90	621.78	1,056.88	2.36	1.79	MD
OH	3,272.00	22.000	138.350	YNN	3,081.79	-747.49	646.93	1,094.19	3.03	-2.98	MD
OH	3,367.00	23.010	139.530	YNN	3,169.56	-774.91	670.81	1,130.55	1.16	1.06	MD
OH	3,460.00	22.080	140.090	YNN	3,255.45	-802.14	693.82	1,166.20	1.03	-1.00	MD
OH	3,555.00	22.920	139.200	YNN	3,343.22	-829.84	717.36	1,202.56	0.95	0.88	
OH	3,682.00	23.090	141.230	YNN	3,460.12	-867.98	749.12	1,252.18	0.64	0.13	
OH	3,775.00	23.120	142.410	YNN	3,545.66	-896.67	771.68	1,288.63	0.50	0.03	
OH	3,870.00	23.510	140.650	YNN	3,632.90	-926.10	795.07	1,326.20	0.84	0.41	
OH	3,964.00	20.170	139.360	YNN	3,720.14	-952.90	817.52	1,361.16	3.59	-3.55	
OH	4,056.00	17.060	138.940	YNN	3,807.32	-975.12	836.72	1,390.52	3.38	-3.38	
OH	4,148.00	14.480	135.550	YNN	3,895.85	-993.51	853.64	1,415.50	2.98	-2.80	
OH	4,242.00	11.740	135.000	YNN	3,987.39	-1,008.66	868.63	1,436.77	2.92	-2.91	
OH	4,336.00	8.160	131.420	YNN	4,079.96	-1,019.84	880.40	1,452.92	3.86	-3.81	
OH	4,432.00	4.150	132.050	YNN	4,175.39	-1,026.68	888.09	1,463.12	4.18	-4.18	MD
OH	4,481.00	2.240	131.270	YNN	4,224.31	-1,028.50	890.13	1,465.82	3.90	-3.90	MD
OH	7,799.00	1.750	0.000	YNN	7,541.39	-1,020.60	938.88	1,491.62	0.11	-0.01	TC