

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

Page 1 of 1

Well Repository No.: W- 7346

Date rec'd:

Date Processed: 11-1-96
~~10-27-96~~

Sample Interval: from 0 to 520

PROPERTY: Tom More (Wildwood Forest #639 N-2)

Number of samples: 52

COMPANY: Burner Well Drilling Inc.

Total Depth: 520'

COUNTY: Culpeper

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To	From-To
0-10	50-60	-	-	-
10-20	60-70	-	-	-
20-30	70-80	-	-	-
30-40	80-90	-	-	-
40-50	90-100	-	-	-
50-60	100-110	-	-	-
60-70	110-120	-	-	-
70-80	120-130	-	-	-
80-90	130-140	-	-	-
90-100	140-150	-	-	-
100-110	150-160	-	-	-
110-120	160-170	-	-	-
120-130	170-180	-	-	-
130-140	180-190	-	-	-
140-150	190-200	-	-	-
50-60	500-10	-	-	-
60-70	10-20	-	-	-
70-80	-	-	-	-
80-90	-	-	-	-
90-200	-	-	-	-
200-10	-	-	-	-
10-20	-	-	-	-
20-30	-	-	-	-
30-40	-	-	-	-
40-50	-	-	-	-
50-60	-	-	-	-
60-70	-	-	-	-
70-80	-	-	-	-
80-90	-	-	-	-
90-300	-	-	-	-
300-10	-	-	-	-
10-20	-	-	-	-
20-30	-	-	-	-
30-40	-	-	-	-
40-50	-	-	-	-

unwashed only

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

7346

BWCM No. _____

(Certification of Completion/County Permit)

NOV 17 1989

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

VALLEY REGIONAL
OFFICE

County/City CULPEPER

County/City Stamp

• Virginia Plane Coordinates
 _____ N
 _____ E
 Latitude & Longitude
 _____ N
 _____ W

• Topo. Map No. _____
 • Elevation _____ ft.
 • Formation _____
 • Lithology _____
 • River Basin _____
 • Province _____
 • Type Logs _____
 • Cuttings _____
 • Water Analysis _____
 • Aquifer Test _____

• Owner Tom Moore - Wildforest S/D
 • Well Designation or Number N-2
 Address Box 525
Warrenton, VA 22186
 Phone (703)347-4249 (703)349-1400

• Drilling Contractor Burner Well Drilling, Inc.
 Address P. O. Box 98
McGaheysville, VA 22840
 Phone (703)289-9421

(SEE ATTACHED MAP)
 WELL LOCATION: _____ (feet/miles _____ direction) of _____
 and _____ feet/miles _____ (direction) of _____
 (If possible please include map showing location marked)

Date started 9/16/88 • Date completed 9/21/88 Type rig Air rotary

SWCB Permit _____
 County Permit SD-88-442

Certification of inspecting official:
 This well does _____ does not _____
 meet code/low requirements.
 S. _____
 Date _____

For Office Use

Tax Map I.D. No. _____
 Subdivision _____
 Section _____
 Block _____
 Lot _____
 Class Well I _____, IIA _____
 IIB _____, IIIA _____, IIIB _____
 IIIC _____, IIID _____, IIIE _____

1. WELL DATA: New Reworked _____ Deepened _____

- Total depth 520 ft.
- Depth to bedrock 4 ft.
- Hole size (Also include reamed zones)
 - 10 inches from 0 to 72 ft.
 - 6 inches from 72 to 520 ft.
 - _____ inches from _____ to _____ ft.
- Casing size (I.D.) and material
 - 6 inches from +1 to 73 ft.
Material steel
Wt. per foot 18.97# or wall thickness .280 in.
 - _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
 - _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
- Screen size and mesh for each zone (where applicable)
 - _____ inches from _____ to _____ ft.
 - Mesh size _____ Type _____
 - _____ inches from _____ to _____ ft.
 - Mesh size _____ Type _____
 - _____ inches from _____ to _____ ft.
 - Mesh size _____ Type _____
 - _____ inches from _____ to _____ ft.
 - Mesh size _____ Type _____
- Gravel pack
 - From _____ to _____ ft.
 - From _____ to _____ ft.
- Grout 0 to 72 ft., Type cement
 - From _____ to _____ ft., Type _____
 - From _____ to _____ ft., Type _____

2. WATER DATA • Water temperature _____

- Static water level (unpumped level-measured) 59.22
- Stabilized measured pumping water level _____
- Stabilized yield 12 gpm after 48 hours
- Natural Flow: Yes _____ No _____, flow rate: _____ gpm
- Comment on quality Good

3. WATER ZONES: From _____ To _____

From _____ To _____ From _____ To _____
 From _____ To _____ From _____ To _____

4. USE DATA:

Type of use: Drinking Livestock Watering _____
 Irrigation _____ Food processing _____ Household _____
 Manufacturing _____ Fire safety _____ Cleaning _____
 Recreation _____ Aesthetic _____ Cooling or heating _____
 Injection _____ Other _____

• Type of facility: Domestic Public water supply _____
 Public institution _____ Farm _____ Industry _____
 Commercial _____ Other _____

5. PUMP DATA: Type _____ • Rated H.P. _____

• Intake depth _____ • Capacity _____ at _____ head

6. WELLHEAD: Type well seal _____

Pressure tank _____ gal, Loc. _____
 Sample tap _____, Measurement port _____
 Well vent _____, Pressure relief valve _____
 Gate valve _____, Check valve (when required) _____
 Electrical disconnect switch on power supply _____

7. DISINFECTION: Well disinfected _____ yes _____ no _____

Date _____, Disinfectant used _____
 Amount _____, Hours used _____

8. ABANDONMENT (where applicable) • yes _____ no _____

Casing pulled yes _____ no _____ not applicable _____
 Plugging grout From _____ to _____ material _____

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

10. DRILLERS LOG (use additional Sheets if necessary)				11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, (etc.))		
0	4	overburden			lt. green granite w/quartz
4	16	sandy brown shale & mica	462 520		
16	22	gray granite			
22	24	broken			
24	32	gray granite			
32	34	soft brown			
34	39	gray granite			
39	40	soft w/water			
40	44	gray granite			
44	45	soft			
45	56	granite			
56	62	granite w/quartz			
62	64	soft			
64	68	broken white rock and brown water			
68	75	granite green & quartz			
75	84	salt & pepper granite			
84	92	gray & green granite some quartz			
94	93	soft			
93	106	gray & green granite some quartz			
106	124	soft gray & green granite w/quartz			
124	125	soft w/water 15 gpm			
125	190	soft granite w/white rock			
190	191	soft			
191	220	soft granite & pink rock			
220	223	soft granite & pink rock			
223	257	green granite & pink rock			
257	276	green granite			
276	339	green granite w/white rock			
339	341	soft green granite dark			
341	344	dark green granite			
344	371	green & gray granite w/white rock			
371	441	dark green granite			
441	453	lt. green & gray granite w/white rock			
453	462	green granite			

Well not dedicated? _____; Size _____ ft. X _____ ft.; Well house? _____
 Distance to nearest pollutant source _____ ft., Type _____
 Distance to nearest property line _____ ft., Building _____ ft.

State Water Control Board Regional Offices

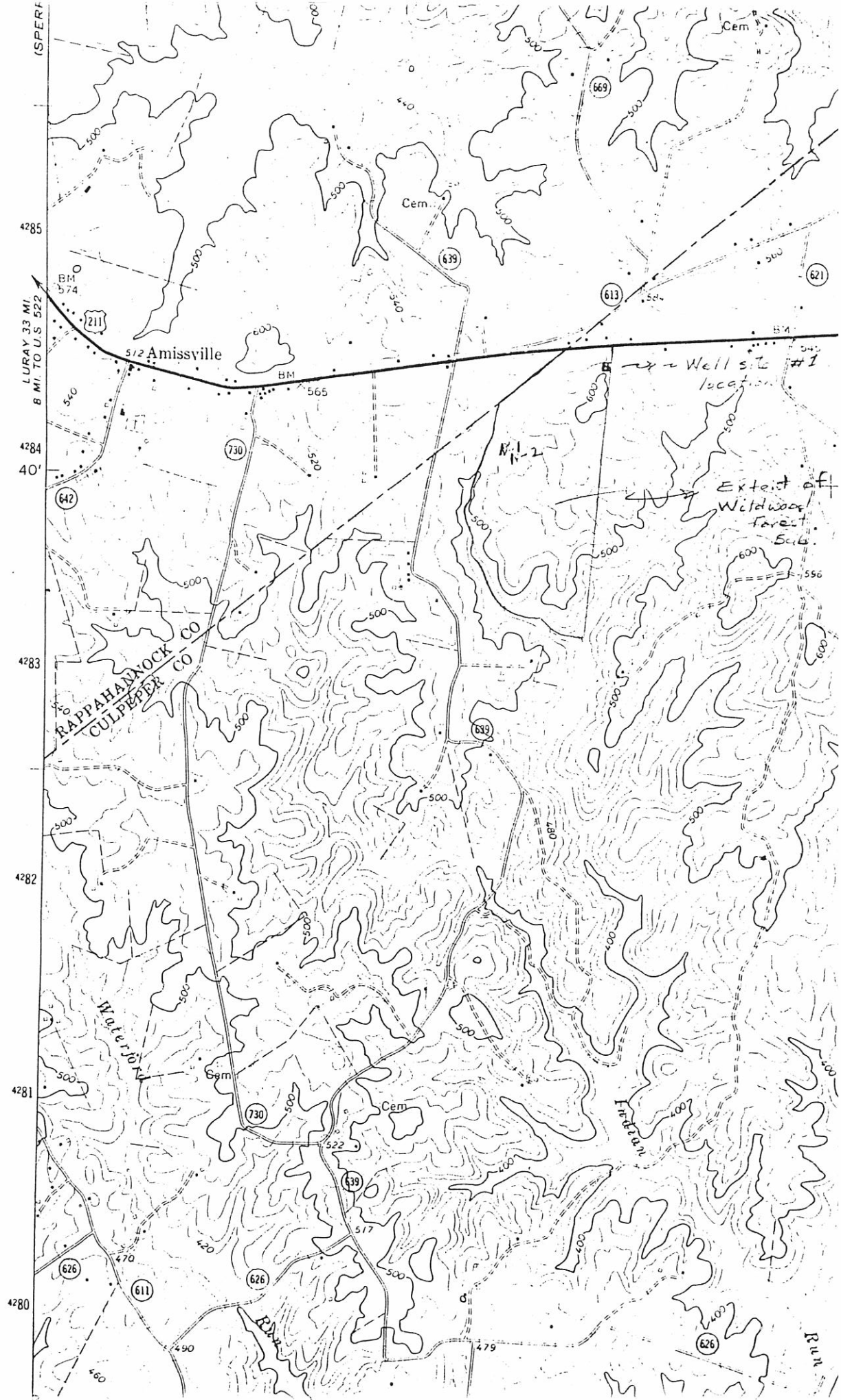
- | | |
|--|---|
| Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22812
703-828-2595 | Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6616
Richmond, Va. 23230
804-257-1006 |
| Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183 | Tidewater Reg. Off.
287 Pembroke Office Park
Suite 310 Pembroke No. 2
Va. Beach, Va. 23462
804-499-8742 |
| West Central Reg. Off.
Executive Park
5312 Peters Creek Road
Roanoke, Va. 24019
703-982-7432 | Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111 |

14. WATER SERVICE PIPE: Checked under _____ p. s. i. for _____ minutes. Pipe size _____ inches, Material _____
 Installer _____
 Date _____

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature [Signature] (Seal), Date 10/12/88
 (Well driller or authorized person) License No. 13146

Wildwood Forest
Culpeper Co
(Jeffersonian
Revised U.S.G.S.
Topog. Map)



BURNER WELL DRILLING, INC.

Well Depth 520 ft.
 Static Level 59.22
 Pump Setting 483' of 1 1/2" ga

Project: Wildwood Forest, Inc. / Tom Moore 6" well

TIME OF READING HR: MIN.	SIZE CONTAINER 5 gallon	TIME TO FILL CONT. MIN SEC	AIR LINE PSI	TAPE READING FEET	PUMP DISCHARGE GPM	PUMPING LEVEL FEET	REMARKS - (e.g., water clear, cloudy, taking air, etc.)
10/12/88 2:02 PM		8	↑	71.10	37.50	68.10	slight mud
2:04		9		85.23	33.34	82.23	slight mud
2:06		9		91.38	33.34	88.38	slight mud
2:08		9		96.67	33.34	93.67	slight mud
2:10		9		100.59	33.34	97.59	slight mud
2:15		9		106.93	33.34	103.93	slight mud
2:20		9		110.92	33.34	107.92	slight mud
2:30		9		116.05	33.34	113.05	clearing
2:40		9		119.62	33.34	116.62	clearing
2:50		9		125.17	33.34	122.17	clearing
started 8"well 3:00		9		131.40	33.34	128.40	clearing
3:10		9		137.40	33.34	134.40	clearing
3:20		10	N/A	196.84	30.00	193.84	clearing
3:30		11		263.78	27.28	260.78	clearing
3:45		14		315.01	21.43	312.01	clearing
4:00		14		325.99	21.43	322.99	clearing
4:30		15		345.71	20.00	342.71	clearing
5:00		15		363.15	20.00	360.15	clearing
5:30		16		370.54	18.75	367.54	clearing
6:00		19		376.00	15.79	373.00	clearing
7:00		20		381.24	15.00	378.24	clearing
8:00		21		381.81	14.29	378.81	clearing
9:00		22		382.58	13.64	379.58	clearing
10:00		22		384.57	13.64	381.57	clearing
11:00		22		385.30	13.64	382.30	clearing
midnight 12:00	↓	22	↓	386.45	13.64	383.45	clearing

DATE: 10/12/88

DATA BY: Carson Hensley & Roger L. Moyer DATA SHEET NO. 1 of 4

BURNER WELL DRILLING, INC.

Well Depth 520 ft.
 Static Level 59.22 ft.
 Pump Setting 483' of 1 1/4" ga

Project: Wildwood Forest, Inc. / Tom Moore 6" well

TIME OF READING HR: MIN.	SIZE CONTAINER 5 gallon	TIME TO FILL CONT. MIN SEC	AIR LINE PSI	TAPE READING FEET	PUMP DISCHARGE GPM	PUMPING LEVEL FEET	REMARKS - (e.g., water clear, cloudy, taking air, etc.)
10/13/88 1:00 AM		22		385.66	13.64	382.66	clearing
2:00		22		385.60	13.64	382.60	clearing
3:00		22		385.67	13.64	382.67	clearing
4:00		22		386.03	13.64	383.03	clearing
5:00		22		386.40	13.64	383.40	clearing
6:00		22		386.76	13.64	383.76	clearing
7:00		22		387.12	13.64	384.12	clearing
8:00		22		389.50	13.64	386.50	clearing
9:00		22		388.80	13.64	385.80	clearing
10:00		22		389.70	13.64	386.70	clearing
Pump Failure - replaced pump with 5 hr. delay							
3:00 PM		5	N/A	59.11	60.00	56.11	clearing
3:01		5		116.33	60.00	113.33	clearing
3:02		6		161.82	50.00	158.82	clearing
3:03		7		191.14	42.86	188.14	clearing
3:04		8		211.32	37.50	208.32	clearing
3:05		9		224.60	33.34	221.60	clearing
3:06		10		229.78	30.00	226.78	clearing
3:07		11		244.43	27.78	241.53	clearing
3:08		12		257.68	25.00	254.68	clearing
3:09		13		267.10	23.08	264.10	clearing
3:10		13		275.32	21.43	272.32	clearing
3:15		14		317.31	21.43	314.31	clearing
3:20		15		354.63	20.00	351.63	clearing
3:25		15		389.20	20.00	386.20	clearing
3:30		17		422.01	17.65	419.01	clearing

BURNER WELL DRILLING, INC.

Well Depth 520 ft.
 Static Level 59.22 ft.
 Pump Setting 483' of 1 1/2" ga

Project: Wildwood Forest, Inc. / Tom Moore

TIME OF READING HR: MIN.	SIZE CONTAINER 5 gallon	TIME TO FILL CONT. MIN SEC	AIR LINE PSI	TAPE READING FEET	PUMP DISCHARGE GPM	PUMPING LEVEL FEET	REMARKS - (e.g., water clear, cloudy, taking air, etc.)
10/13/88 3:40 PM		18	↑	473.89	16.67	470.89	restrict taking air - flow
3:50		18		480.21	16.67	477.21	restrict taking air - flow
4:00		21		481.17	14.29	478.17	restrict taking air - flow
5:00		22		470.20	13.64	467.20	clearing
6:00		22		471.92	13.64	468.92	clearing
7:00		23		473.93	13.05	470.93	clearing
8:00		22		471.55	13.64	468.55	clearing
9:00		22		473.71	13.64	470.71	clearing
10:00		23		475.93	13.05	472.93	clearing
11:00		23		478.05	13.05	475.05	clearing
midnight 12:00		23	N/A	480.13	13.05	477.13	clearing
10/14/88 1:00 AM		23		481.20	13.05	478.20	clearing
2:00		23		481.97	13.05	478.97	clearing -
3:00		23		482.31	13.05	479.31	restrict taking air - flow
4:00		23		470.21	13.05	467.21	clearing
5:00		23		470.80	13.05	467.80	clearing
6:00		23		471.56	13.05	468.56	clearing
7:00		23		472.19	13.05	469.19	clearing
8:00		24		473.20	12.50	470.20	clearing
9:00		24		473.50	12.50	470.50	clearing
10:00		25		468.90	12.00	465.90	clearing
11:00		25		470.17	12.00	467.17	clearing
Noon 12:00		25		476.67	12.00	473.67	clearing
1:00 PM		25		485.06	12.00	482.06	clearing restricted flow
2:00		25		483.82	12.00	480.82	Test extended to compensate for down t:
3:00	↓	25	↓	482.93	12.00	479.93	clearing

BURNER WELL DRILLING, INC.

Well Depth 520 ft.
 Static Level 59.22 ft.
 Pump Setting 483' of 1 1/2" ga

Project: Wildwood Forest, Inc. / Tom Moore

TIME OF READING HR: MIN.	SIZE CONTAINER 5 gallon	TIME TO FILL CONT. MIN SEC	AIR LINE PSI	TAPE READING FEET	PUMP DISCHARGE GPM	PUMPING LEVEL FEET	REMARKS - (e.g., water clear, cloudy, taking air, etc.)
10/14/88 4:00 PM	↓	25	↑	480.78	12.00	477.78	clearing
5:00		25	N/A	479.15	12.00	476.15	clearing
6:00		25	↓	475.59	12.00	472.59	End Test
R E C O V E R Y R A T E							
7:00				472.87		469.87	
7:01				459.30		456.30	
7:02				431.00		428.00	
7:03				418.40		415.40	
7:04				409.10		406.10	
7:05				399.80		396.80	
7:06				391.10		388.10	
7:07				381.82		378.82	
7:08				372.89		369.89	
7:09				363.75		360.75	
7:10				355.05		352.05	
7:13				328.55		325.55	
7:16				306.45		303.45	
7:19				288.55		285.55	
7:25				261.78		258.78	
7:30				246.25		243.25	
7:35				234.55		231.55	
7:40				225.65		222.65	
7:45				218.35		215.35	
7:50				212.21		209.21	
8:00				202.22		199.22	
10/15/88 7:55 AM				151.13		148.13	