

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT  
(Certification of Completion/County Permit)

HWCM No. \_\_\_\_\_

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

County/City Stafford

County/City Stamp  
Robert Hambleton

SWCM Permit	_____
County Permit	_____
Certification of inspecting official	_____
This well does	_____
meet established requirements	_____
S	_____
Date	_____
For Office Use	_____
For Map I.D. No.	<u>49-17K</u>
Subdivision	_____
Section	_____
Block	_____
Lot	_____
Class Well	_____
III	_____
IIIA	_____
IIIB	_____
IIIC	_____
IIID	_____
IIIE	_____

Virginia Plane Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

Topo Map No. 182D

Elevation \_\_\_\_\_ ft.

Formation \_\_\_\_\_

Lithology \_\_\_\_\_

Flow Direction \_\_\_\_\_

Province \_\_\_\_\_

Type Lens D. L.

Cuttings H. A.

Water Analysis \_\_\_\_\_

Amber Test \_\_\_\_\_

Owner Robert Hambleton

Well Designation or Number \_\_\_\_\_

Address 7117 Woodland Drive  
Stafford, Va. 22150

Phone 1-703-81534-0452

Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive  
Fredericksburg, Virginia 22408

Phone (703) 898-6023

WELL LOCATION: \_\_\_\_\_ feet/miles (direction of)

and \_\_\_\_\_ feet/miles (direction of)

(If possible please include map showing location marked)

Date started 5/28/92 Date completed 5/29/92 Type of Well ALL Rotary

approximate Drawdown 30 feet

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

Total depth \_\_\_\_\_ ft.

Depth to bedrock \_\_\_\_\_ ft.

Well size (Also include reamed zones)

• 10 inches from \_\_\_\_\_ to 120 ft.

• 5 3/8 inches from 120 to 200 ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

Casing size (I.D.) and material

• 6.4 inches from +1 to 80 ft.

Material P.V.C.

Wt per foot \_\_\_\_\_ or wall thickness SDR 27 in.

• 6 1/8 inches from 80 to 120 ft.

Material P.V.C.

Wt per foot \_\_\_\_\_ or wall thickness SDR 21 in.

• 4 inches from 100 to 180 ft.

Material P.V.C.

Wt per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

Screen size and mesh for each zone (where applicable)

• 4 inches from 180 to 200 ft.

Mesh size 0.20 Type P.V.C.

• \_\_\_\_\_ 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

• From 0 to 50 ft. Type Neat Cement

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA

• Water temperature \_\_\_\_\_

• Static water level (unpumped level) measured \_\_\_\_\_

• Stabilized measured pumping water level \_\_\_\_\_

• Stabilized yield 30 gpm after 2 hours

Natural flow Yes \_\_\_\_\_ No  (flow rate)

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 190 to 198

From \_\_\_\_\_ to \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_

4. USE DATA:

Type of use: Drinking  Livestock watering \_\_\_\_\_

Irrigation \_\_\_\_\_ Food processing \_\_\_\_\_ Household

Manufacturing \_\_\_\_\_ Fire safety \_\_\_\_\_ Cleaning \_\_\_\_\_

Recreation \_\_\_\_\_ Aesthetic \_\_\_\_\_ Control to heat/cold \_\_\_\_\_

Injection \_\_\_\_\_ Other \_\_\_\_\_

Type of facility: Domestic  Public water supply \_\_\_\_\_

Public institution \_\_\_\_\_ Farm \_\_\_\_\_ Industry \_\_\_\_\_

Commercial \_\_\_\_\_ Other \_\_\_\_\_

5. PUMP DATA: Type \_\_\_\_\_ # Rated HP \_\_\_\_\_

• Total depth \_\_\_\_\_ Capacity \_\_\_\_\_ at \_\_\_\_\_

6. WELLHEAD: Type \_\_\_\_\_ Well seal \_\_\_\_\_

Pressure tank \_\_\_\_\_ gal. \_\_\_\_\_

Sample tap \_\_\_\_\_ Measurement point \_\_\_\_\_

Well vent \_\_\_\_\_ Pressure relief valve \_\_\_\_\_

Gate valve \_\_\_\_\_ Check valves (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 point From \_\_\_\_\_ to \_\_\_\_\_ Material \_\_\_\_\_

Pump installed through \_\_\_\_\_

Pressure Graveling  
Suggested using 40 mesh sand

# Water Supply System

John Harabenton

BWCA No. \_\_\_\_\_

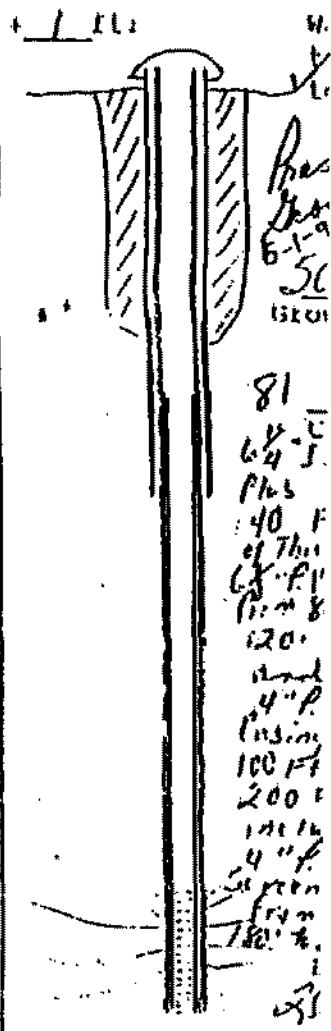
Marlborough Court #21  
(on Florence)

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 pumping 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	10	Yellow Sand		
10	20	Sandy Brown Clay		
20	100	Black Sand & Clay		
100	110	Brown Clay		
110	130	Grey Clay		
130	145	Brown Clay		
145	170	Grey Clay		
170	197	Grey & White Sand	Water zone	
197	200	Grey Clay	Approximate Water level 170 to 198'	

11. Not to Scale  
12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



13. Well for (dedicated) \_\_\_\_\_ Size \_\_\_\_\_ ft x \_\_\_\_\_ ft. Well (water) \_\_\_\_\_  
 Distance to nearest pollutant source \_\_\_\_\_ ft. Type \_\_\_\_\_  
 Distance to nearest property line \_\_\_\_\_ ft. (1. Building) \_\_\_\_\_

14. WATER SERVICE PIPE: checked under \_\_\_\_\_ b.f.t. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches; Material \_\_\_\_\_  
 Installed \_\_\_\_\_  
 Date \_\_\_\_\_

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

Signature John T. Danielson (Seal), Date 4/1/92  
 (Well driller or authorized person) License No. \_\_\_\_\_

- State Water Control Board Regional Offices**
- Valley Reg. Off.  
115 North Main Street  
P. O. Box 266  
Fridgewater, VA 22812  
703-828-2595
  - Southwest Reg. Off.  
408 E. Main Street  
P. O. Box 376  
Abingdon, VA 24210  
703-628-5183
  - West Central Reg. Off.  
Lynchburg Park  
5317 Patent Creek Road  
Roanoke, VA 24019  
703-982-2432
  - Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 8618  
Richmond, VA 23230  
804-257-1006
  - Tidewater Reg. Off.  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va Beach, VA 23462  
804-499-8742
  - Northern Virginia Reg. Off.  
5515 Cheroke Avenue  
Suite 404  
Arlington, VA 22212  
703-750-9111