

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

• BWCM No. \_\_\_\_\_

258-1-24

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

SWCB Permit _____
County Permit <u>189-88-75</u>
Certification of inspecting official: This well does _____ does not _____ meet code/low requirements. S. _____ Date _____
<i>For Office Use</i>

County/City Stafford \_\_\_\_\_  
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 Robert Davenport

• Well Designation or Number \_\_\_\_\_  
Address Box 14  
Hartwood, Va. 22471

Phone \_\_\_\_\_

• Drilling Contractor \_\_\_\_\_  
Address DOMINION WELL COMPANY  
361-3443 Manassas 361-9126

Phone 1-800-523-2977

Tax Map I.D. No. <u>258-24</u>
Subdivision <u>Hartlake Estates</u>
Section _____
Block <u>51 Cobblestone Way</u>
Lot <u>24</u>
Class Well: I _____, IIA _____
II B <u>x</u> , IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_) (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) Directions: see reverse

Date started 4-3-89 • Date completed 4-4-89 Type rig air rotary

1. WELL DATA: New x Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth 210 ft.

• Depth to bedrock 20 ft.

• Hole size (Also include reamed zones)

- 10 inches from 0 to 50 ft.
- 6-1/8 inches from 50 to 210 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 6-1/4 inches from + 2 to 50 ft.  
Material steel  
Wt. per foot 13 or wall thickness 1.88 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

- From 0 to 50 ft. Type pressure
- From \_\_\_\_\_ to \_\_\_\_\_ ft. Type 28 bags

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_

- Static water level (unpumped level-measured) \_\_\_\_\_ ft.
- Stabilized measured pumping water level \_\_\_\_\_ ft.
- Stabilized yield 10 gpm after 1 hours

Natural Flow: Yes \_\_\_\_\_ No x flow rate. \_\_\_\_\_ gpm

Comment on quality clear

3. WATER ZONES: From 130 To 135  
From 185 To 190 From \_\_\_\_\_ To \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

4. USE DATA:

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

• Type of facility: Domestic x 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 \_\_\_\_\_

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	20	OVERBURDEN			
20	210	GREEN SHALE, QUARTZ, BROWN SHALE, GRAYSTONE			
<p>SOUTH ON RT. 28 to rt. 17 (L) APPROX. 20 MILES TO RT. 734            (1 MILE PAST STAFFORD / FAUQUIER COUNTY LINE) (L) APPROX.            1/4 MILE TO DOE WAY (L) TO HARTLAKE (L) TO COBBLESTONE            (R) TO LOG HOUSE ON (L).</p>					

13. Well lot dedicated? \_\_\_\_\_; Size \_\_\_\_\_ ft. X \_\_\_\_\_ ft.; Well house? \_\_\_\_\_  
 Distance to nearest pollutant source \_\_\_\_\_ ft.; Type \_\_\_\_\_  
 Distance to nearest property line \_\_\_\_\_ ft.; Building \_\_\_\_\_ ft.

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 *Robert M. Adams* (Seal), Date 2-6-91  
 (Well driller or authorized person) License No. \_\_\_\_\_

**State Water Control Board Regional Offices**

Valley Reg. Off.  
 116 North Main Street  
 P. O. Box 268  
 Bridgewater, Va. 22812  
 703-628-2593

Piedmont Reg. Off.  
 4010 West Broad Street  
 P. O. Box 6616  
 Richmond, Va. 23210  
 804-257-1006

Southwest Reg. Off.  
 408 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24210  
 703-628-5183

Tidewater Reg. Off.  
 287 Pembrake Office Park  
 Suite 310 Pembrake No. 2  
 Va. Beach, Va. 23462  
 804-499-8742

West Central Reg. Off.  
 Executive Park  
 3312 Peters Creek Road  
 Roanoke, Va. 24019  
 703-982-7432

Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111