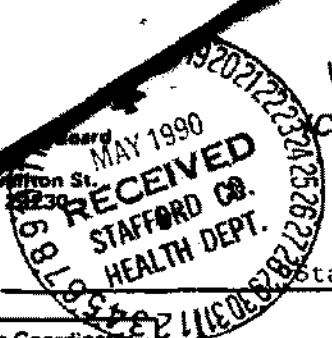


COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

Certification of Completion/County Permit)



County/City Stafford County County/City Stamp

SWCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_  
Certification of inspecting official:  
This well does \_\_\_\_\_ does not \_\_\_\_\_  
meet code/low requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_  
For Office Use

• 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 Doug Hapner  
• Well Designation or Number \_\_\_\_\_  
Address 13778 Meadow Brook Road  
Woodbridge, VA. 22193  
Phone \_\_\_\_\_  
• Drilling Contractor Van's Const. Co., Inc.  
Address P.O. box 3306  
Fredericksburg, VA. 22402  
Phone 373-7502

189-89-400  
Tax Map I.D. No. 22-51 (Part)  
Subdivision Hapner  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot 2 acres  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB X, IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of Elliott Lane  
(if possible please include map showing location marked)

Date started 3-7-90 • Date completed 3-9-90 Type rig Rotary

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

• Total depth 292 ft.  
• Depth to bedrock \_\_\_\_\_ ft.  
• Hole size (Also include reamed zones)  
• 8 inches from 0 to 292 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I.D.) and material  
• 4 1/2 inches from 0 to 292 ft.  
Material PVC Plastic  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ 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)  
• 4 1/2 inches from 272 to 284 ft.  
• Mesh size 0.020 Type Slotted PVC  
• \_\_\_\_\_ 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 50 to 0 ft., Type neat  
• From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

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

• Static water level (unpumped level-measured) 80 ft.  
• Stabilized measured pumping water level \_\_\_\_\_ ft.  
• Stabilized yield 80 gpm after 2 hours  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality clear

3. WATER ZONES: From 272 To 284  
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 sub. • Rated H.P. 1/2  
• Intake depth 160 • Capacity 10 at 250 head

6. WELLHEAD: Type well seal pitless  
Pressure tank 42 gal. Loc. house  
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 chl. tabl.  
Amount \_\_\_\_\_ Hours used \_\_\_\_\_

8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Persons submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State 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 logs taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly test logs 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		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, etc.)	
0	20	red clay, gravel		
20	30	white sandy clay		
30	50	white sandy clay		
50	60	blue clay		
60	70	white sandy clay		
70	90	still blue clay and gravel		
90	110	stiff brown clay		
110	130	large gravel, sand		
130	140	sand, gravel		
140	150	stiff greenclay		
150	170	lite green sandy clay		
170	215	stiff brown clay		
215	225	green sandy clay		
225	272	soft green clay		
272	286	sand, gravel		
286	292	soft blue clay		

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.

**State Water Control Board Regional Offices**

**Valley Reg. Off.**  
 116 North Main Street  
 P. O. Box 267  
 Bridgewater, Va. 22812  
 703-828-2506

**Piedmont Reg. Off.**  
 4010 West Broad Street  
 P. O. Box 6616  
 Richmond, Va. 23236  
 804-257-1006

**Southwest Reg. Off.**  
 408 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24210  
 703-428-5183

**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

**Northern Virginia Reg. Off.**  
 5515 Cherokee Avenue  
 S. Falls  
 Fairfax, Va. 22031

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ 60 \_\_\_\_\_ p.s.i. for \_\_\_\_\_ 10 \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ 1 \_\_\_\_\_ inches, Material \_\_\_\_\_ plastic \_\_\_\_\_  
 Installer \_\_\_\_\_ Van's Const. Co., Inc. \_\_\_\_\_  
 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 \_\_\_\_\_ (Seal, Date 3-12-90)  
 (Well driller or authorized person)  
 License No. 018610