

**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

• BWCM No. \_\_\_\_\_

*(Certification of Completion/County Permit)*

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

County/City Stafford County

*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 Richard W. Jones

• Well Designation or Number \_\_\_\_\_  
Address 4 Randolph Road  
Fredericksburg, VA. 22405  
Phone 371-7768

• Drilling Contractor Van's Const. Co., Inc.  
Address P.O. Box 3306  
Fredericksburg, VA. 22402  
Phone 373-7502

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_) (direction) of West side of Rt. 603; approx. 1/2 mile  
(If possible please include map showing location marked) North of Rt. 3

Date started 7-6-90 • Date completed 7-9-90 Type rig Rotary

SWCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_

Certification of inspecting official:  
This well does \_\_\_\_\_ does not \_\_\_\_\_  
meet code/flow requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

*For Office Use*

189-90-153

Tax Map I.O. No. 60-37A (part)  
Subdivision Jones Hollow  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot 2  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB X, IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

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

• Total depth 210 ft.  
• Depth to bedrock \_\_\_\_\_ ft.  
• Hole size (Also include reamed zones)  
• 8 inches from 0 to 210 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• 1 inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I.D.) and material  
• 4 inches from 0 to 210 ft.  
Material PVC  
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 130 to 140 ft.  
• Mesh size 0.020 Type PVC  
• 4 1/2 inches from 180 to 190 ft.  
• Mesh size 0.020 Type PVC  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
• Gravel pack  
• From \_\_\_\_\_ to \_\_\_\_\_ ft.  
• From \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Grout  
• From 60 to 0 ft., Type pressure  
• From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

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

• Static water level (unpumped level-measured) 20  
• Stabilized measured pumping water level \_\_\_\_\_  
• Stabilized yield 40 gpm at 2 head  
Natural Flow: Yes \_\_\_\_\_ No X, flow rate: \_\_\_\_\_ gpm  
Comment on quality clear

3. WATER ZONES: From 110 To 145  
From 170 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 subm • Rated H.P. 1/2  
• Intake depth 130 • Capacity 10 at 230 head

6. WELLHEAD: Type well seal pitless adapter  
Pressure tank 42 gal. Loc. house  
Sample tap X, Measurement port X  
Well vent X, Pressure relief valve X  
Gate valve X, Check valve (when required) X  
Electrical disconnect switch on power supply X

7. DISINFECTION: Well disinfected X yes \_\_\_\_\_ no \_\_\_\_\_  
Date 11/19/90, Disinfectant used Chlorine tabl  
Amount 18, Hours used \_\_\_\_\_

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

Owner \_\_\_\_\_

EWCM No. \_\_\_\_\_

CO. S. FREDERICK 108-1

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		
From	To	(color, material, fossils, hardness, etc.)	(water, casing, cavities, broken, core, shot, etc.)	
0	40	yellow, sand & gravel		
40	100	green clay, shell		
100	110	brown clay		
110	145	sand, gravel	water bearing	
145	170	tan clay		
170	190	coarse gray sand	water bearing	
190	210	blue & brown 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.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ 60 \_\_\_\_\_ p.s.i. for \_\_\_\_\_ 60 \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ 1 \_\_\_\_\_ inches, Material \_\_\_\_\_ plastic \_\_\_\_\_  
installer \_\_\_\_\_ Van's Construction \_\_\_\_\_  
Date \_\_\_\_\_ 11-19-90 \_\_\_\_\_

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.

**State Water Control Board Regional Offices**

Valley Reg. Off.  
116 North Main Street  
P. O. Box 268  
Bridgewater, Va. 22812  
703-628-2595

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

West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432

Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6616  
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 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111

Signature Steve Shelburne (Seal), Date 7-9-90  
(Well driller or authorized person)  
License No. \_\_\_\_\_