

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

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

County/City Stafford

*Stafford*

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 Betty Smith  
• Well Designation or Number 36-7  
Address 80 Boy 508 Colonial Beach Va  
Phone 804-224-7606  
• Drilling Contractor R. L. Curtis Well Co  
Address 4497 Morrisville Road  
Beakton Va  
Phone 439-8377

Tax Map I. D. No. WS-93-167  
Subdivision \_\_\_\_\_  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIIB   
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

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

Date started 10/10/94 • Date completed 10/10/94 Type rig air

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth 145 ft.  
• Depth to bedrock 70 ft.  
• Hole size (Also include reamed zones)  
• 10 inches from 0 to 81 ft.  
• 6 inches from 81 to 145 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I. D.) and material  
• 6 inches from 0 to 81 ft.  
Material Steel  
Wt. per foot 13 or wall thickness 186 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 Prepacked  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ OF  
• Static water level (unpumped level-measured) 22 ft.  
• Stabilized measured pumping water level 144 ft.  
• Stabilized yield 20 gpm after 3 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_  
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 \_\_\_\_\_

Owner Betty Smith

BWCM No. \_\_\_\_\_

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.

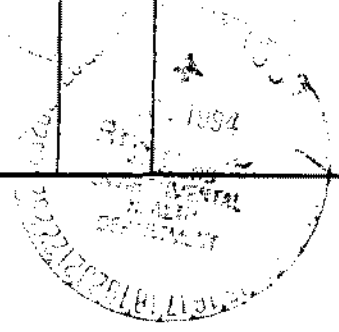
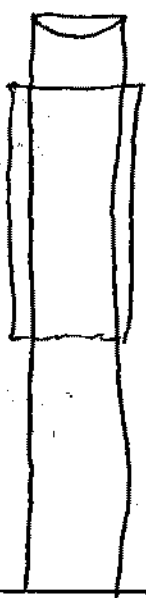
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)
From	To		
0	70	red soil	
70	145	blue stone	

11. Drilling Time (Min.) \_\_\_\_\_

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

Well 145 ft  
81 ft Casing  
50 ft grout  
air tight cap



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 Raymond J. Purdie (Seal) Date 10/10/94  
(Well driller or authorized person) License No. 035303A

State Water Control Board Regional Offices

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

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  
703-982-7452

Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-760-0111