

# 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

County/City Stamp

SWCB Permit _____
County Permit _____
Certification of inspecting official: This well does _____ does not _____ meet code/low requirements. S. _____ Date _____
<b>For Office Use</b>
<u>55-208-1</u>

• Virginia Plane Coordinates	N _____
	E _____
Latitude & Longitude	N _____
	W _____
• Topo. Map No. _____	ft. _____
• Elevation _____	
• Formation _____	
• Lithology _____	
• River Basin _____	
• Province _____	
• Type Logs <u>Driller</u>	
• Cuttings <u>yes</u>	
• Water Analysis _____	
• Aquifer Test _____	

• Owner Dummy Hatch

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

Address Rt. 16  
Friedenbushburg, Va.

Phone \_\_\_\_\_

• Drilling Contractor King George Drilling

Address Rt. 4 Box 117  
Colonial Beach, Va.

Phone \_\_\_\_\_

Tax Map I.D. No. _____
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____, IIA _____
IIB _____, IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: 3/10 (feet/miles West direction) of Rt. 608  
and 600 feet/miles no (direction) of Rt. 219  
(If possible please include map showing location marked)

Date started 9-2-83 • Date completed 9-2-83 Type rig Rotary

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

• Total depth 202 ft.

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

- 7 inches from 0 to 190 ft.
- 3 3/4 inches from 190 to 202 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 4 inches from 0 to 190 ft.  
Material galv.
- Wt. per foot \_\_\_\_\_ or wall thickness .188 in.
- 2 inches from 190 to 192 ft.  
Material galv.
- Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_
- Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• Screen size and mesh for each zone (where applicable)

- 2 inches from 192 to 202 ft.
- Mesh size 20 Type 5. Steel
- \_\_\_\_\_ 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 20 ft., Type Cement
- From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

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

- Static water level (unpumped level-measured) 110 ft.
- Stabilized measured pumping water level 140 ft.
- Stabilized yield 10 gpm after 1 hours
- Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate: \_\_\_\_\_ gpm
- Comment on quality good (some iron)

3. WATER ZONES: From 192 To 202

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 submersible Rated H.P. 24

- Intake depth 172 Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal Harvard 59 4100 V

- Pressure tank 20 gal. Loc. basement
- Sample tap yes, Measurement port \_\_\_\_\_
- Well vent yes, Pressure relief valve yes
- Gate valve \_\_\_\_\_, Check valve (when required) \_\_\_\_\_
- Electrical disconnect switch on power supply \_\_\_\_\_

7. DISINFECTION: Well disinfected yes yes \_\_\_\_\_ no \_\_\_\_\_

- Date 8-2-83 Disinfectant used Chlorine
- Amount 50/M, Hours used 24

8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_

- Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_
- Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

9. State law requires submitting to the Virginia State Water Control Board information about wells intended for water, or any other non-exempt well. This information must be submitted whether the well is a water well. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping test, and 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, caving, cavities, broken, core, shot, etc.)
From	To		
0	20	br. yellow + white sand	
20	102	grey sand	
102	192	black sand + sea shells	
192	202	grey white blue sand	

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

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.

State Water Control Board Regional Offices

Valley Reg. Off.  
 116 North Main Street  
 P. O. Box 268  
 Bridgewater, Va. 22812  
 703-828-2595

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

West Central Reg. Off.  
 Executive Park  
 5512 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 C. E. Keating (Seal), Date 8-2-83  
 (Well driller or authorized person)  
 License No. Va. 023065  
703-299