

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

• BWCM No. \_\_\_\_\_

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 Driller  
 • Cuttings no  
 • Water Analysis \_\_\_\_\_  
 • Aquifer Test \_\_\_\_\_

• Owner Construction Specialis  
 • Well Designation or Number \_\_\_\_\_  
 Address Fredericksburg  
 Phone \_\_\_\_\_  
 • Drilling Contractor  
 Address KING GEORGE DRILLING SERVICES, INC.  
RT. 1 BOX 117  
COLONIAL BEACH, VA. 22443  
 Phone \_\_\_\_\_

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

WELL LOCATION: 4/10 feet/miles West direction of RT 654  
 and 60 feet/miles SW (direction of RT 600  
 (If possible please include map showing location marked)  
 Date started 3-27-87 • Date completed 3-27-87 Type rig Rotary

**1. WELL DATA:** New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 • Total depth 240 ft.  
 • Depth to bedrock \_\_\_\_\_ ft.  
 • Hole size (Also include reamed zones)  
 • 8 3/4 inches from 0 to 60 ft.  
 • 6 3/4 inches from 60 to 210 ft.  
 • 3 7/8 inches from 210 to 240 ft.  
 • Casing size (I.D.) and material  
 • 4 inches from +1 to 210 ft.  
 Material galv.  
 Wt. per foot \_\_\_\_\_ or wall thickness .189 in.  
 • 2 inches from 210 to 230 ft.  
 Material galv.  
 Wt. per foot \_\_\_\_\_ or wall thickness .188 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 230 to 240 ft.  
 • Mesh size 16 Type St. 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 X to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Grout  
 • From 0 to 50 ft., Type Cement  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

**2. WATER DATA:** • Water temperature \_\_\_\_\_ OF  
 • Static water level (unpumped level-measured) 90 ft.  
 • Stabilized measured pumping water level 95 ft.  
 • Stabilized yield 45 gpm after 4 hours  
 Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate: \_\_\_\_\_ gpm  
 Comment on quality Iron  
**3. WATER ZONES:** From 200 To 240  
 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. 3/4  
 • Intake depth 189 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head  
**6. WELLHEAD:** Typc well seal WCF water tight  
 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 2-1-87, Disinfectant used Chlorine  
 Amount 50 PPM, 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 groundwater and wells for every well intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on stand-by, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pump-out test, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geological logs, 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.

Division of Ins  
 Department of Health

H.A. or V.A. Case Number  
 is Applicable

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.])	Drilling Time (Min.)
From	To			
0	20	Brown yellow sand & gravel		
20	40	grey & black sand		
40	60	grey clay		
60	120	grey & black sand		
120	160	Black sand		
160	180	white pasty sand		
180	200	grey clay		
200	236	white blue grey sand		

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  
 5312 Peters Creek Road  
 Roanoke, Va. 24019  
 708-982-7432

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. Kealey (Seal), Date: 4-1-87  
 (Well driller or authorized person)  
 License No. VA-023665  
MD-299