

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

(Certification of Completion/County Permit)

County/ Stafford

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 Shillers  
• Cuttings NO  
• Water Analysis \_\_\_\_\_  
• Aquifer Test \_\_\_\_\_

County/City Stamp

• Owner Richardson Building Corp.  
• Well Designation or Number \_\_\_\_\_  
Address 11315 Gordon Rd.  
Fredericksburg, Va 22407  
Phone \_\_\_\_\_

• Drilling Contractor KING GEORGE DRILLING SERVICES, INC  
Address RT. 1 BOX 96-K  
COLONIAL BEACH, VA. 22443  
Phone (804) 224-9130

Tax Map I.D. No. 189-89-388  
Subdivision \_\_\_\_\_  
Section Map Ref. 41-12  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIIB   
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 1 (feet/miles east direction) of Rte. 608  
and 100 feet/miles north (direction) of Rte. 621  
(If possible please include map showing location marked)

Date started 11-5-91 • Date completed 11-8-91 Type rig Rotary

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

• Total depth 277 ft.  
• Depth to bedrock \_\_\_\_\_ ft.  
• Hole size (Also include reamed zones)  
• 8 inches from 0 to 20 ft.  
• 7 inches from 20 to 236 ft.  
• 3 1/8 inches from 236 to 277 ft.  
• Casing size (I.D.) and material  
• 4 1/2 inches from 11 to 236 ft.  
Material PVC  
Wt. per foot \_\_\_\_\_ or wall thickness sched. 40 in.  
• 2 inches from 225 to 267 ft.  
Material Galvanized  
Wt. per foot \_\_\_\_\_ or wall thickness sched. 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 267 to 277 ft.  
• Mesh size 10 Type phosphor 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 50 ft., Type Antonite Clay Cement  
• From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

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

• Static water level (unpumped level-measured) 127 ft.  
• Stabilized measured pumping water level 150 ft.  
• Stabilized yield 15 gpm after 4 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ (flow rate: \_\_\_\_\_ gpm)  
Comment on quality Good

3. WATER ZONES: From 237 to 277  
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 \_\_\_\_\_ • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal SC 4 1/2 water tight  
Pressure tank 20 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 11-8-91 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 \_\_\_\_\_

2. 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.

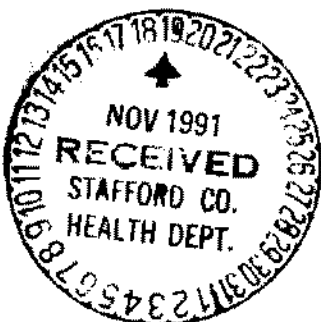
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS
From	To	(color, material, fossils, hardness, etc.)	(water, casing, cavities, broken, core, shot, etc.)
0	20	Yellow sand	
20	60	White clay	
60	85	White clay, yellow sand	
85	120	Black sand	
120	160	Black sand + shells	
160	180	Green, brown + red clay	
180	237	Green brown + white clay	
237	277	White 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  
 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 Michael Frank (JFS) (Seal), Date 11-11-91  
 (Well driller or authorized person) License No. VA 023065