

# 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 \_\_\_\_\_  
  
For Office Use

• Virginia Plane Coordinates  
N \_\_\_\_\_  
E \_\_\_\_\_  
Latitude & Longitude  
N \_\_\_\_\_  
W \_\_\_\_\_  
• Topo. Map No. \_\_\_\_\_  
• Elevation \_\_\_\_\_ ft.  
• Formation \_\_\_\_\_  
• Lithology \_\_\_\_\_  
• River Basin \_\_\_\_\_  
• Province \_\_\_\_\_  
• Type Logs Drillers  
• Cuttings NO  
• Water Analysis \_\_\_\_\_  
• Aquifer Test \_\_\_\_\_

• Owner Jack Cox  
• Well Designation or Number William Thompson (Permit Name)  
Address 11710 Wilderness Park Dr.  
Spotsylvania, VA 22553  
Phone \_\_\_\_\_

• Drilling Contractor KING GEORGE DRILLING SERVICES, INC  
Address RT. 1 BOX #86 K  
COLONIAL BLACH, VA. 22449  
Phone (204) 224-9130

Tax Map I.D. No. 187-89-426  
Subdivision Apina Heights  
Section Map Ref. 40-47-3  
Block \_\_\_\_\_  
Lot 3  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB \_\_\_\_\_, IIIA \_\_\_\_\_, IIIB   
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 200 feet/miles west direction of Rte. 630  
and 1 feet/miles north (direction) of Rte. 630  
(If possible please include map showing location marked)

Date started 12-24-91 • Date completed 12-26-91 Type rig Rotary

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

• Total depth 325 ft.  
• Depth to bedrock \_\_\_\_\_ ft.  
• Hole size (Also include reamed zones)  
• 1 inches from 0 to 20 ft.  
• 1 inches from 20 to 295 ft.  
• 3/4 inches from 295 to 335 ft.  
• Casing size (I.D.) and material  
• 4 1/2 inches from +1 to 295 ft.  
Material PVC  
Wt. per foot \_\_\_\_\_ or wall thickness  Sched. 40 in.  
• 2 inches from 295 to 325 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 325 to 335 ft.  
• Mesh size 15 Type Howard Smith S. 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 Cement  
• From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

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

• Static water level (unpumped level-measured) 155 ft.  
• Stabilized measured pumping water level 190 ft.  
• Stabilized yield 20 gpm after 4 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate. \_\_\_\_\_ gpm  
Comment on quality Good

3. WATER ZONES: From 310 To 335  
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 watertight  
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 12-26-91, 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 \_\_\_\_\_

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.

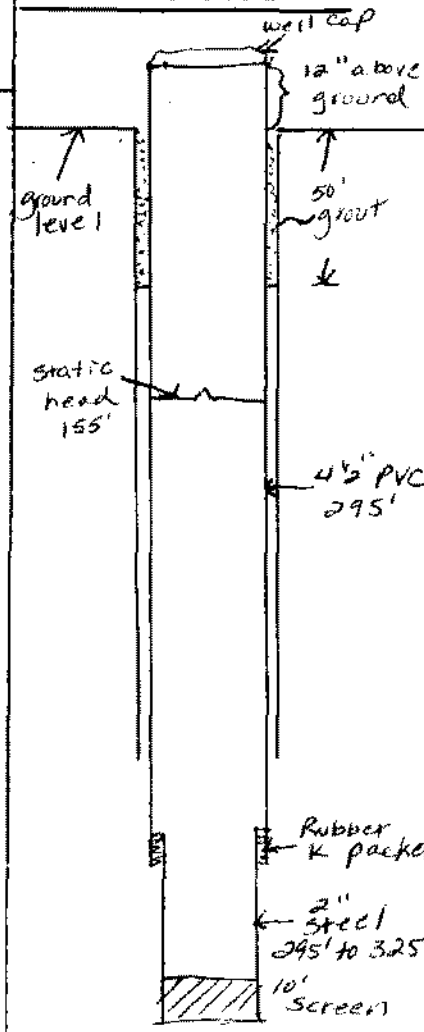
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)
From	To		
0	3	Dirt	
3	8	Sand	
8	65	Gray Clay	
65	140	Gray Clay, Black Sand & Shells	
140	198	Gray & brown clay	
198	210	Blue sand	
210	217	Gray clay	
217	233	Blue sand	
233	268	Gray clay	
268	280	Blue sand	
280	295	Gray clay	
295	303	Blue sand	
303	310	Blue Clay	
310	335	Blue Sand	

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensional)



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.  
 114 North Main Street  
 P. O. Box 268  
 Bridgewater, Va. 22812  
 703-828-2595

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  
 5512 Peters Creek Road  
 Roanoke, Va. 24019  
 703-982-7432

Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111

Signature David Bowie (Seal), Date 12-1-92  
 (Well driller or authorized person)  
 License No. VA023665