

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

• BWCM No. _____

(Certification of Completion/County Permit)

Control Board
11143
North Hamilton St.
Richmond, Va. 23230

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates

N _____
E _____

Latitude & Longitude

N _____
W _____

• Topo. Map No. _____
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs Drilled
• Cuttings no
• Water Analysis _____
• Aquifer Test _____

• Owner David McCauley

• Well Designation or Number _____
Address 49 Forrest Hill Lane
Stafford, VA 22554
Phone _____

• Drilling Contractor
Address KING GEORGE DRILLING SERVICES, INC.
RT. 1 BOX 117
COLONIAL BEACH, VA. 22443
Phone _____

SWCB Permit _____
County Permit _____

Certification of inspecting official:
This well does _____ does not
meet code/low requirements.
S. _____
Date _____

For Office Use

Tax Map I.D. No. 50-86-226
Subdivision _____
Section 55-194C
Block _____
Lot _____
Class Well: I _____ IIA _____
IIB _____ IIIA IIIB _____
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 3/10 feet/miles no direction of Rt 218
and 5/10 feet/miles East (direction) of Rt 604
(If possible please include map showing location marked)

Date started 7-21-86 Date completed 7-22-86 Type rig Rotary

1. WELL DATA: New Reworked _____ Deepened _____

• Total depth 251 ft.
• Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)

• 10 inches from 0 to 25 ft.
• 6 3/4 inches from 25 to 231 ft.
• 3 7/8 inches from 231 to 251 ft.

• Casing size (I.D.) and material

• 4 inches from 41 to 231 ft.
Material galv.
Wt. per foot _____ or wall thickness .188 in.

• 2 inches from 231 to 241 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 241 to 251 ft.
• Mesh size 20 Type 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 X 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 130 ft
• Stabilized yield 30 gpm after 4 hours
Natural Flow: Yes _____ No _____, flow rate: _____ g pm
Comment on quality good

3. WATER ZONES: From 231 To 251
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 320 • Capacity _____ at _____ head

6. WELLHEAD: Type well seal w/c water tight
Pressure tank 30 gal., Loc. Crawl space
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 7/22/86, Disinfectant used chlorine
Amount 50 P/M, Hours used 24

8. ABANDONMENT (where applicable) • yes _____ no _____
Casing pulled yes _____ no _____ not applicable _____
Plugging grout From _____ to _____ material _____

Owner _____

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for all wells intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, or not. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer test, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well report for public supply wells.

10. DRILLERS LOG (use additional Sheets if necessary)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

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		
20	40	green sand		
40	60	gray clay		
60	80	pink clay		
100	180	black sand & shells		
180	230	white Pasty sand		
230	251	white Blue gray sand		

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 requirement 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.
 267 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. Kealy (Seal), Date 7-22-86
 (Well driller or authorized person)
 License No. VD 023065
MD-299