

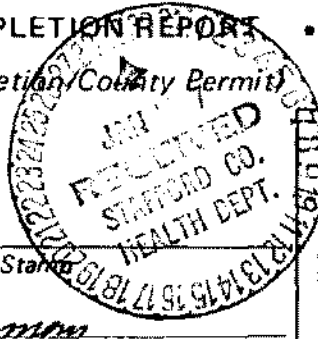
COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

(Certification of Completion/County Permit)

BWCM No. _____

49-39-15

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



County/City Stafford

County/City State _____

WCB 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 Carlton Musselman
• Well Designation or Number Laguna Dennis
Address Stafford, VA.

Phone _____
• Drilling Contractor _____
Address KING GEORGE DRILLING SERVICES, INC.
RT 1 BOX 117
Phone COLONIAL BEACH, VA. 22449

Tax Map I.D. No. 50-86-183
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____, IIA _____
IIB , IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: 1 7/10 (feet/miles West direction) of RT 600
and 30 feet/miles 10 (direction) of RT 712
(If possible please include map showing location marked)

Date started 12-22-86 • Date completed 12-22-86 Type rig Rotary

I. WELL DATA: New Reworked _____ Deepened _____

• Total depth 142 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 126 ft.
• 3 7/8 inches from 126 to 142 ft.
• Casing size (I.D.) and material
• 4 inches from 41 to 126 ft.
Material galv.
Wt. per foot _____ or wall thickness .188 in.
• 2 inches from 126 to 132 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)
• 3 inches from 132 to 142 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) 15 ft
• Stabilized measured pumping water level 20 ft
• Stabilized yield 65 gpm after 4 hours
Natural Flow: Yes _____ No _____, flow rate: _____ gpm
Comment on quality good
3. WATER ZONES: From 126 To 142
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 110 • Capacity _____ at _____ head
6. WELLHEAD: Type well seal W/CY water tight
Pressure tank 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 12/22/86, 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 _____

Department of Health
 Division of Health Inspection

Owner _____

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in this 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, or 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)				11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, etc.)		
0	20	Brown yellow sand			
20	40	green sand			
40	80	green or grey clay + pesty sand			
80	120	green + Br + grey clay			
120	170	white Pesty sand			
170	172	white blue grey 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.

State Water Control Board Regional Offices

Valley Reg. Off.
 116 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
 5312 Peters Creek Road
 Roanoke, Va. 24019
 703-982-7432

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

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.

Signature P. E. Keckley (Seal), Date 12-22-86
 (Well driller or authorized person)
 License No. VA-023065
MD 299