

COMMONWEALTH OF VIRGINIA
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

County/City Stamp

•Virginia Plane Coordinates

N _____
E _____
Latitude & Longitude _____
N _____
W _____

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

•Owner Don Humphries

•Well Designation or Number _____
Address 4808 King Street
Alexandria, VA, 22313
Phone _____

•Drilling Contractor Van's Const. Co., Inc
Address P.O. box 3306
Fredericksburg, VA, 22402
Phone _____

SWCB Permit _____
County Permit _____

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

For Office Use
4A-1-9

Tax Map I.D. No. _____
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____, IIA _____
IIB , IIC _____, IID _____, IIE _____

WELL LOCATION: _____ (feet/miles) _____ direction) of _____
and _____ (feet/miles) _____ direction) of Acquia Creek
(If possible please include map showing location marked)

Date started 1-9-89 • Date completed 1-10-89 Type rig Rotary

1. WELL DATA: New Reworked _____ Deepened _____

•Total depth 260 ft.
•Depth to bedrock _____ ft.

•Hole size (Also include reamed zones)
• 6 1/2 inches from 0 to 205 ft.
• 3 inches from 205 to 260 ft.
• _____ inches from _____ to _____ ft.

•Casing size (I.D.) and material
• 4 inches from 0 to 205 ft.
Material steel
Wt. per foot _____ or wall thickness _____ in.
• 2 inches from 205 to 260 ft.
Material steel
Wt. per foot _____ or wall thickness _____ 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 235 to 255 ft.
• Mesh size 0.030 Type 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 50 to 0 ft., Type neat
• From _____ to _____ ft., Type _____

2. WATER DATA •Water temperature _____

•Static water level (unpumped level-measured) 140
•Stabilized measured pumping water level _____
•Stabilized yield 29 gpm after 2 hrs
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality clear

3. WATER ZONES: From 235 To 255
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. 1/2
•Intake depth 180 •Capacity 10 at 270 head

6. WELLHEAD: Type well seal pitless
Pressure tank 42 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 10-28-89, Disinfectant used chl. tabl.
Amount _____, Hours used _____

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)

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DEPTH (feet)		TYPE OF ROCK OR SOIL		
From	To	(color, material, fossils, hardness, etc.)	(water, casing, cavities, broken, core, shot, (etc.))	
0	10	clay		
10	35	sand		
35	60	clay		
60	80	clay		
80	110	shells		
110	140	shells, black sand		
140	205	clay		
205	235	clay		
235	255	sand		
255	260	clay		

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 _____ 60 p.s.i. for _____ 10 minutes. Pipe size _____ 1 inches, Material _____ plastic
 Installer _____ Van's Const. Co., Inc.
 Date _____ 10-28-89

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 _____ (Seal) Date _____ 10-28-89
 (Well driller or authorized person) License No. _____

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
 3312 Peters Creek Road
 Roanoke, Va. 24019
 703-982-7432

Northern Virginia Reg. Off.
 5315 Cherokee Avenue
 Suite 404
 Alexandria, Va. 22312
 703-750-9111