

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT
(Certification of Completion/County Permit)

• BWCM No. _____

SWCB Permit _____
County Permit _____
Certification of inspecting official: This well does _____ does not _____ meet code/low requirements. S. _____ Date _____
<i>For Office Use</i>

189 89-187
Tax Map I.D. No. <u>40-16</u>
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____, IIA _____
IIB <u>X</u> , IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

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 Ken Willard

• Well Designation or Number _____
 Address P.O. Box 79
Brooke VA. 22430-0079
 Phone _____

• Drilling Contractor Van's Const. Co. Inc.
 Address P.O. Box 3306
Fredericksburg VA. 22402
 Phone 373 7502

WELL LOCATION: _____ (feet/miles) _____ (direction) of _____
 and _____ (feet/miles) _____ (direction) of 151 Andrew Chapel Road
 (If possible please include map showing location marked)

Date started 9-6-89 • Date completed 9-10-89 Type rig Rotary

1. WELL DATA: New X Reworked _____ Deepened _____

• Total depth 240 ft.
 • Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)
 • 6 1/2 inches from 0 to 228 ft.
 • 3 inches from 228 to 240 ft.
 • _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material
 • 4 inches from 0 to 228 ft.
 Material steel
 Wt. per foot _____ or wall thickness _____ in.

• 2 inches from 228 to 240 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 230 to 240 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 _____ OF

• Static water level (unpumped level-measured) 90 ft.
 • Stabilized measured pumping water level _____ ft.
 • Stabilized yield 28 gpm after 2 hours
 Natural Flow: Yes _____ No X flow rate. _____ gpm
 Comment on quality clear

3. WATER ZONES: From 230 to 240
 From _____ To _____ From _____ To _____
 From _____ To _____ From _____ To _____

4. USE DATA:
 Type of use: Drinking X Livestock Watering _____
 Irrigation _____ Food processing _____ Household X
 Manufacturing _____ Fire safety _____ Cleaning _____
 Recreation _____ Aesthetic _____ Cooling or heating _____
 Injection _____ Other _____

• Type of facility: Domestic X Public water supply _____
 Public institution _____ Farm _____ Industry _____
 Commercial _____ Other _____

5. PUMP DATA: Type _____ • Rated H.P. _____
 • Intake depth _____ • Capacity _____ at _____ head

6. WELLHEAD: Type well seal _____
 Pressure tank _____ gal. Loc. _____
 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 _____ Disinfectant used _____
 Amount _____ Hours used _____

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

Owner _____

PROJECT: H.B. HARRIS
GREENWICH DRIVE

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for water intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, or the well is not completed. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer logs, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. 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, caving, cavities, broken, core, shot, (etc.))
From	To		
0	20	dirt sand	
20	35	clay	
35	70	clay	
70	95	sand gravel	
95	150	clay	
150	175	sand fine	
175	228	clay	
228	230	clay	
230	240	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

Piedmont Reg. Off.
 4010 West Broad Street
 P. O. Box 5616
 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.
 5515 Cherokee Avenue
 Suite 404
 Alexandria, Va. 22312
 703-750-9111

Signature Steve Shelbourn (Seal), Date 10-13-89
 [Well driller or authorized person]
 License No. _____