

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

• BWCM No. _____

(Certification of Completion/County Permit)

37A-15

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

County/City Stafford County

County/City Stamp

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

* 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 Wade Aylor

* Well Designation or Number _____
Address 203 Via-De-Rosa Drive
Stafford, VA. 22554
Phone 659-4796

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

SP-85-431

Tax Map I.D. No. 37-42-15
Subdivision Able Lake Forest
Section 42
Block _____
Lot 15
Class Well: I _____, IIA _____
IIB X, IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

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

Date started 11-8-86 • Date completed 11-14-86 Type rig Rotary

WELL DATA: New X Reworked _____ Deepened _____

* Total depth 705 ft.
* Depth to bedrock _____ ft.

* Hole size (Also include reamed zones)

- 10 1/2 inches from 0 to 125 ft.
- 6 inches from 125 to 705 ft.
- _____ inches from _____ to _____ ft.

Casing size (I.D.) and material

- 6 inches from 0 to 126 ft.
Material steel
Wt. per foot 13 or wall thickness _____ in.

- 4 inches from 30 to 690 ft.
Material PVC
Wt. per foot sch. 40 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)

- _____ inches from _____ to _____ ft.
- Mesh size _____ Type _____
- _____ 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.

out

- From 50 to 0 ft. Type pressure
- From _____ to _____ ft. Type _____

2. WATER DATA • Water temperature _____ of _____

- Static water level (unpumped level measured) approx. 110 ft.
- Stabilized measured pumping water level _____ ft.
- Stabilized yield 3 gpm after 2 hours
- Natural Flow: Yes _____ No X, flow rate _____ gpm
- Comment on quality clear

3. WATER ZONES: From 500 To 501

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 sub. • Rated H.P. 1.5
• Intake depth 700 • Capacity 5 at 790 head

6. WELLHEAD: Type well seal pitless
Pressure tank 87 gal., Loc. house
Sample tap X, Measurement port X
Well vent X, Pressure relief valve X
Gate valve X, Check valve (when required) X
Electrical disconnect switch on power supply X

7. DISINFECTION: Well disinfected X yes _____ no _____
Date 12-18-86, 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)

10. DRILLERS LOG (use additional Sheets if necessary)			REMARKS (water, caving, cavities, broken, core, shot, (etc.))	11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)			
From	To				
0	20	clay			
20	120	mica			
20	130	rock			
30	465	granite, mica			
65	485	mica			
85	500	white quartz			
00	545	granite			
45	565	white & clear rock			
65	585	black rock			
85	605	brown sand & clear rock			
05	645	black sand			
45	705	green sand & white & clear rock			

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 _____ 12-18-86 _____

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 Sue Shelburt (Seal), Date 12-19-86
 (Well driller or authorized person) License No. _____

State Water Control Board Regional Offices

Valley Reg. Off.
 16 North Main Street
 P. O. Box 268
 Ridgewater, Va. 22812
 03-828-2595

Piedmont Reg. Off.
 4010 West Broad Street
 P. O. Box 6616
 Richmond, Va. 23230
 804-257-1006

Southwest Reg. Off.
 28 East Main Street
 P. O. Box 476
 Kingdon, Va. 24210
 33-628-5183

Tidewater Reg. Off.
 287 Pembroke Office Park
 Suite 310 Pembroke No. 2
 Va. Beach, Va. 23462
 804-499-8742

East Central Reg. Off.
 Executive Park
 312 Peters Creek Road
 Danoke, Va. 24019
 08-982-7432

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