

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

BWCM No.

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

Certification of Completion/County Permit)

31-9-4

County/City Stafford

659-5366

County/City Stamp

• Virginia Plane Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

• Topo. Map No. 182B

• Elevation \_\_\_\_\_ ft.

• Formation \_\_\_\_\_

• Lithology \_\_\_\_\_

• River Basin \_\_\_\_\_

• Province \_\_\_\_\_

• Type Logs D. L.

• Cuttings N. A.

• Water Analysis \_\_\_\_\_

• Aquifer Test \_\_\_\_\_

• Owner James E. Persinger?

• Well Designation or Number \_\_\_\_\_

Address 598 Decatur Road  
Stafford, Va. 22554

Phone 659-4604

• Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive  
Fredericksburg, Virginia 22401

Phone (703) 898-6025

Certification of inspecting official:  
This well does \_\_\_\_\_ does not  
meet code/flow requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

For Office Use

189-90-206

Tax Map I.D. No. 3X-2-18

Subdivision Edge Hill

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot 4

Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIIB   
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 1 (feet/miles) E. (direction) of Intersection 661 on 635  
and \_\_\_\_\_ (feet/miles) (direction) of on 635  
(If possible please include map showing location marked) (1/2 mi. Past Church  
Left on P.O. Box 598)

Date started 1/22/91 • Date completed 1/24/91 Type rig Air Rotary

Approximate Drawdown 65 feet.

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth 180 ft.

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

- 10 inches from 0 to 110 ft.
- 6 7/8 inches from 110 to 180 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 6 1/4 inches from +1 to 110 ft.  
Material Steel  
Wt per foot 131b or wall thickness .188 in.
- 4 inches from 108 to 150 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Schedule 40 in.
- 4 inches from 170 to 180 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Schedule 40 in.

• Screen size and mesh for each zone (where applicable)

- 4 inches from 150 to 170 ft.
- Mesh size .016 Type P.V.C.
- \_\_\_\_\_ 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 0 to 56' ft. Type Pressure Grouting
- From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement

2. WATER DATA • Water temperature \_\_\_\_\_ °

• Static water level (unpumped level measured) 65 ft.

• Stabilized measured pumping water level 130 ft.

• Stabilized yield 20 gpm after 1 hour

Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpr

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 150 to 170

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 \_\_\_\_\_ • 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 \_\_\_\_\_

Pump installed through \_\_\_\_\_

Installed Watertight top  
You will encounter 4" casing @ approx 108' (Suggest keeping torque arrestors & Centralizers out of 4" casing)  
I suggest setting pump @ approx 150' OVER

Not A+B Construction  
 James E. ? Peringer?  
 Edge Hill #4  
 Stafford #635 off 6th - 1/2 mile West Church -

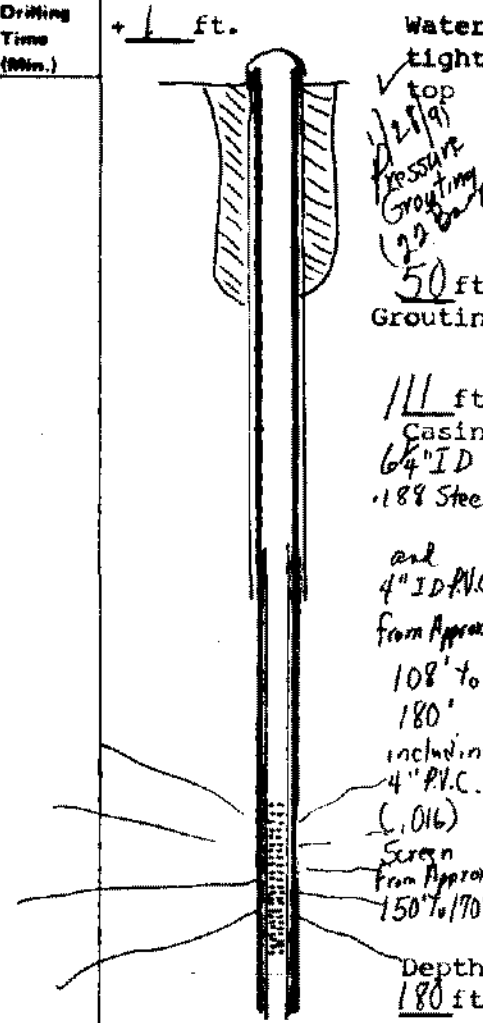
BWCM No. \_\_\_\_\_

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) 11. 12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	10	Sandy clay		
10	30	Red clay		
30	80	Sand & gravel		
80	100	Blue clay		
100	105	Sand & gravel		
105	150	Blue clay		
150	165	grey clay		
165	180	Brown clay		

Approximate Water Zones  
 150 to 170



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
- 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  
708-982-7432
- Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6616  
Richmond, Va. 23230  
804 257-1006
- Tidewater Reg. Off.  
287 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

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 Anna N. Daniels Date 1/28/91  
 (Well driller or authorized person) License No. \_\_\_\_\_