

COMMONWEALTH OF VIRGINIA

WATER WELL COMPLETION REPORT

BWCM No.

(Certification of Completion/County Permit)

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

County/City Stafford

County/City Stamp

Virginia Plane Coordinates  
N  
E  
Latitude & Longitude  
N  
W  
Topo. Map No. 162A  
Elevation ft.  
Formation  
Lithology  
River Basin  
Province  
Type Logs D. L.  
Cuttings N. A.  
Water Analysis  
Aquifer Test

Owner David Tatter  
Well Designation or Number  
Address 644 Marlborough Road  
Stafford, Va. 22554  
Phone 659-3733 W 494-3600  
Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
Phone (703) 898-6025

SWCB Permit  
County Permit  
Certification of inspecting official:  
This well does  does not   
meet code/low requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

For Office Use  
Tax Map I.D. No. 49C-1-8A Part  
Subdivision Lynn Family  
Section  
Block  
Lot Part of Parcel -  
Class Well: I  IIA   
IIB  IIIB   
IIIC  IIID  IIIE

WELL LOCATION: \_\_\_\_\_ (feet/miles) \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ feet/miles (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) 1 mile East of Stafford VA. 60856  
Date started 7/10/90 Date completed 7/11/90 Type rig Air Rotary

Approximate Drawdown 35 feet.

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
Total depth \_\_\_\_\_ ft. 180  
Depth to bedrock \_\_\_\_\_ ft.  
Hole size (Also include reamed zones)  
• 10 inches from 0 to 108 ft.  
• 6 7/8 inches from 108 to 180 ft.  
Casing size (I.D.) and material  
• 6 7/8 inches from +1 to 108 ft. Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness SDR 27 in.  
• 4 inches from 100 to 155 ft. Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
• 4 inches from 175 to 180 ft. Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
Screen size and mesh for each zone (where applicable)  
• 4 inches from 155 to 175 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 50' ft. Type Pressure Grouting  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement

2. WATER DATA • Water temperature \_\_\_\_\_  
• Static water level (unpumped level measured) 40  
• Stabilized measured pumping water level 75  
• Stabilized yield 30 gpm after 1 hr  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_  
Comment on quality \_\_\_\_\_  
3. WATER ZONES: From 169 To 175  
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 \_\_\_\_\_  
Close 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 Cap  
Suggest setting pump @ approx 95'  
You will get counter 4" HOVA @ approx 55' (Suggest keeping torque arresters out of 4" HOVA)

Record of 11  
 Department of  
 State of Virginia  
 5-14-73  
 Applicable

David Lathe  
 Owner  
Marlborough Rd 621

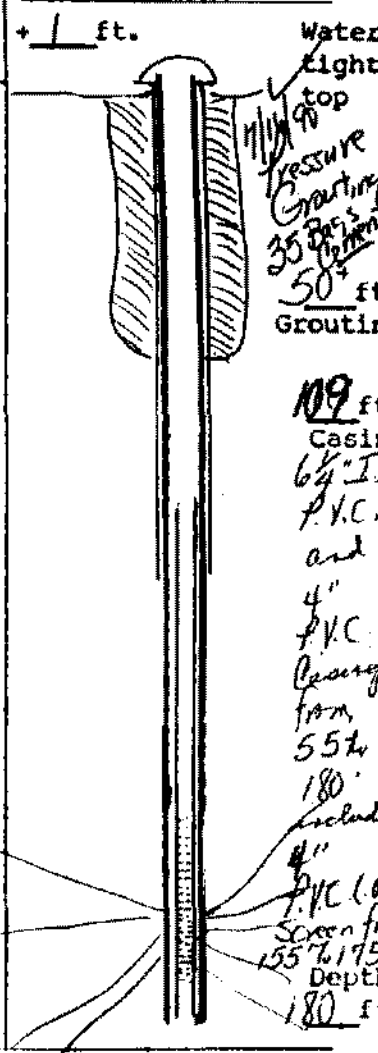
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping test, 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	10	Red clay		
10	30	yellow sand		
30	100	Black sand		
100	169	Brown & Blue clay		
169	175	sand & gravel		
175	180	Brown clay		

Approximate  
 Water Zones  
 169 to 175

11. 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.

- 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 PIPING: 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 David Lathe (Seal), Date 7/16/90  
 (Well driller or authorized person)  
 License No. \_\_\_\_\_