

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

• BWCM No. \_\_\_\_\_

\_\_\_\_\_ St.  
 \_\_\_\_\_ 23230

SWCB Permit \_\_\_\_\_  
 County Permit \_\_\_\_\_

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

For Office Use

SD-86-563 <sup>11-24-88</sup> <sub>Karl Rodolph</sub>  
 Tax Map I.D. No. 25A-97  
 Subdivision Alexandria Woods  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 27  
 Class Well I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB  IIA \_\_\_\_\_, IIIA \_\_\_\_\_  
 IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

County/City Stamp

• Virginia Plane Coordinates  
 N \_\_\_\_\_  
 E \_\_\_\_\_  
 Latitude & Longitude  
 N \_\_\_\_\_  
 W \_\_\_\_\_

• Topo Map No. 183A  
 • Elevation \_\_\_\_\_ ft.  
 • Formation \_\_\_\_\_  
 • Lithology \_\_\_\_\_  
 • River Basin \_\_\_\_\_  
 • Province \_\_\_\_\_  
 • Type Loc. D. L.  
 • Listings N. A.  
 • Water Analysis \_\_\_\_\_  
 • Aquifer Test \_\_\_\_\_

• Owner Marion W & Debbie Riley  
 • Well Designation or Number \_\_\_\_\_  
 Address 68 Orville Road  
Stafford, Va. 22554  
 Phone 659-3890

• Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

WELL LOCATION: 1 (feet/miles) East direction of Intersection of 612 & 615  
 and \_\_\_\_\_ (feet/miles) \_\_\_\_\_ (direction) of \_\_\_\_\_  
 (If possible please include map showing location marked)

Date started 7/27/87 • Date completed 7/28/87 Type rig Air Rotary

Approximate Drawdown 100 feet.

WELL DATA New  Reworked \_\_\_\_\_ Unpermitted \_\_\_\_\_

• Total depth 380 ft.  
 • Depth to bedrock 99 ft.  
 • Hole size (Also include reamed zones)  
 • 10 inches from 0 to 60 ft.  
 • 8 inches from 60 to 99 ft.  
 • 6 inches from 99 to 380 ft.  
 • Casing size (I.D.) and material  
 • 6 1/4 inches from +1 to 99 ft.  
 Material Steel  
 Wt. per foot 13.6 or wall thickness 0.188 in.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Material \_\_\_\_\_  
 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)  
 • \_\_\_\_\_ 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 \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
 • Static water level (unpumped level measured) \_\_\_\_\_ ft.  
 • Stabilized measured pumping water level 75 ft.  
 • Stabilized yield 25 gpm after 1 hours  
 Natural Flow Yes \_\_\_\_\_ No  Flow rate \_\_\_\_\_ gpm  
 Comment on quality \_\_\_\_\_

3. WATER ZONES: From 200 To 201  
 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. WELL HEAD: 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 M. Riley

• Gravel pack \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Grout 0 to 50 ft. Type Pressure Grout  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_  
Installed waterlog top.  
Support better by pump @  
approx 3600  
OVER

Owner: Joseph D. Kelly  
Flow House Wooded Cat #27

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

ISO-CODED

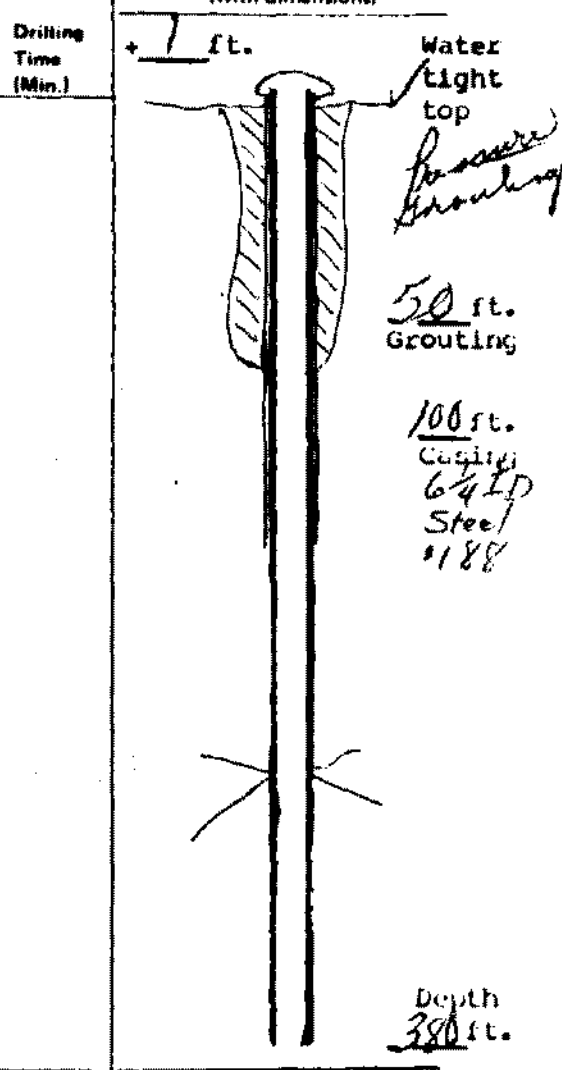
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information 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 pumping 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<br>(color, material, fossils, hardness, etc.) | REMARKS<br>(water, caving, cavities, broken, core, shot, etc.) |
|--------------|-----|--|--|
| From         | To  |  |  |
| 0            | 10  | red clay   |  |
| 10           | 40  | red micaceous formation  |  |
| 40           | 90  | brown micaceous formation  |  |
| 90           | 99  | soft brown shale   |  |
| 99           | 380 | hard blue granite  |  |

Approximate  
Water Zones  
200 to 201

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.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ p.s.f. 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: Joseph D. Kelly (Seal), Date: 8/5/87  
 (Well driller or authorized person)

License No. \_\_\_\_\_

State Water Control Board Regional Offices

Key Reg. Off.  
 5 North Main Street  
 1 Box 268  
 gewater, Va. 22812  
 728-2595

Reg. Off.  
 1100 S. 1st St.  
 Norfolk, Va. 23502  
 728-516

Central Reg. Off.  
 Cutler Park  
 12 Peters E. Road  
 Norfolk, Va. 23502  
 728-77

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