

State Water Control Board  
O. Box 11143  
111 North Hampton St.  
Chamond, Va. 23230

(Certification of Completion/County Permit)

*And W. Herbert*  
10808 B Henderson Rd.  
Fairfax Station, Virginia  
22039

County/City Stafford

County/City Stamp

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

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

Owner For Sale  
 Well Designation or Number \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

Tax Map I.D. No. 8B-F-10  
 Subdivision Lake Annan  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 10 F  
 Class Well I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
 IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 150 @/miles S.W. (direction) of Lake View Drive  
 and 800 @/miles S.E. (direction) of Lake View Drive & Van Horn Lane  
 (If possible please include map showing location marked)

Date started 9/1/84 • Date completed 9/11/84 Type rig Air Rotary

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

Total depth 405 ft.  
 Depth to bedrock 60 ft.

Hole size (Also include reamed zones)  
 • 10 inches from 0 to 89 ft.  
 • 6 inches from 89 to 405 ft.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

Casing size (I.D.) and material  
 • 6" inches from 0 to 89 ft.  
 Material Black Steel  
 Wt per foot 13.16 or wall thickness .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 \_\_\_\_\_

Pl pack \_\_\_\_\_  
 rom \_\_\_\_\_ to \_\_\_\_\_ ft. 27 Bags  
 From \_\_\_\_\_ to \_\_\_\_\_ ft. 9/24/84  
 out \_\_\_\_\_  
 • From 0 to 50+ ft. Type Neat Cement  
 \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

Approximate Drawdown 180 feet

2. WATER DATA • Water temperature \_\_\_\_\_ °  
 • Static water level (unpumped level) measured 20 ft.  
 • Stabilized measured pumping water level 200 ft.  
 • Stabilized yield 1 gpm after \_\_\_\_\_ hour  
 Natural Flow Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
 Comment on quality \_\_\_\_\_

3. WATER ZONES: From 205 To 206  
 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 \_\_\_\_\_

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 \_\_\_\_\_

(Whittight top installed) pump installed through And W. Herbert

# Lake Crowhead # 10F

State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State 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, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quar 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	15	red clay	
15	60	brown sandy clay	
60	405	granite	Approx. water zone 205' to 206'

### 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

### State Water Control Board Regional Offices

- Valley Reg. Off.  
116 North Main Street  
P. O. Box 268  
Harrisonburg, Va 22812  
703 528 2595
- Southwest Reg Off  
408 East Main Street  
P. O. Box 476  
Abingdon, Va 24210  
703 528 5182
- West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va 24019  
703 988-7452
- 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  
703 250 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 the 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 Russell T. Danielson (Seal), Date 10/22/84  
 (Well driller) (Licensed person) License No. \_\_\_\_\_