

# WATER WELL COMPLETION REPORT

• SWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

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

County/City Stafford

County/City Stamp

- Virginia Plane Coordinates
  - N \_\_\_\_\_
  - E \_\_\_\_\_
- Latitude & Longitude
  - N \_\_\_\_\_
  - W \_\_\_\_\_
- Topo. Map No. 183A
- Elevation \_\_\_\_\_ ft.
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

• Owner Richard & Lisa Dickison

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

Address 395 Rocky Run Road  
Fredericksburg, Va. 22405

Phone 752-2133

• 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/flow requirements.  
 S. \_\_\_\_\_  
 Date \_\_\_\_\_

*For Office Use*

189-98-480 11/1/98 Road Fredericksburg

Tax Map I.D. No. 43-30

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

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

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 (If possible please include map showing location marked) 3/4 Miles W of 654 & Hassel Rd  
- lot on right -

Date started 5/1/90 • Date completed 5/1/90 Type rig Air Rotary

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

• Total depth \_\_\_\_\_ ft. 200

• Depth to bedrock \_\_\_\_\_ ft. 52

• Hole size (Also include reamed zones)

- 10 inches from 0 to 52 ft.
- 6 7/8 inches from 52 to 200 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 6 7/8 inches from +1 to 52 ft.
- Material PVC
- Wt. per foot \_\_\_\_\_ or wall thickness SDR 27 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 \_\_\_\_\_

• Gravel pack

- From \_\_\_\_\_ to \_\_\_\_\_ ft.
- From \_\_\_\_\_ to \_\_\_\_\_ ft.

• Grout 0 to 50' ft. Type Pressure Grouting Neat Cement 5/17/90

Installed Watertight top  
Suggest setting up pump @ approx 180  
OVER

Approximate Drawdown 110 feet.

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

- Static water level (unpumped level-measured) 50 ft.
- Stabilized measured pumping water level 160 ft.
- Stabilized yield 12 gpm after 1 hours
- Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm
- Comment on quality \_\_\_\_\_

3. WATER ZONES: From 181 To 182

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. Lock \_\_\_\_\_  
 Sample tap \_\_\_\_\_ Meter \_\_\_\_\_ 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 \_\_\_\_\_

9. State law requires submitting to the Virginia State Board of Health information about groundwater and wells for every well made in the State intended for water, or any other appropriate use. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes an accurately and completely recorded water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is granted), the results of any chemical analysis, 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)

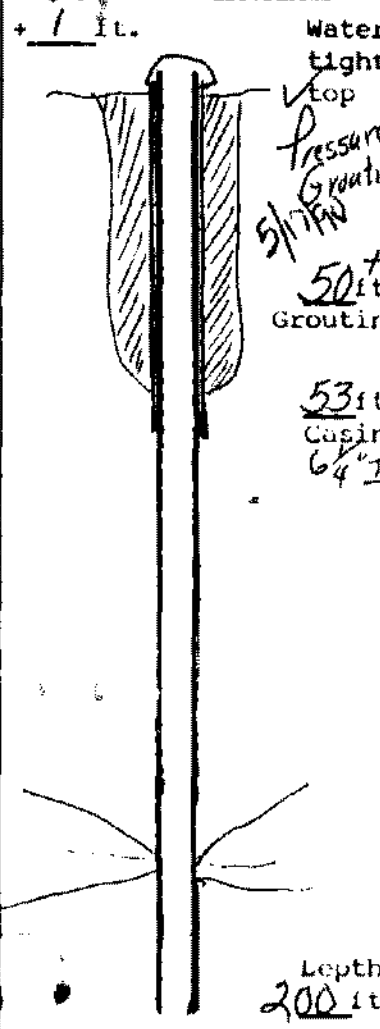
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Red clay	
10	30	Micaceous formation/red	
30	45	Micaceous formation/brown	
45	52	soft brown shale	
52	200	hard blue rock	

Approximate  
Water zones  
182 to 183

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.

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.

State Water Control Board Regional Offices

Valley Reg. Off.  
116 North Main Street  
P. O. Box 268  
Bridgewater, Va. 22812  
703-828-2595

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

Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-698-3183

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

West Central Reg. Off.  
Executive Park  
5512 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7452

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

Signature Rene T. Davelos Date 5/17/90  
 (Well driller or authorized person) License No. \_\_\_\_\_