

**Certification of Completion/County Permit**

2001 North Harrison St.  
Richmond, Va. 23238

County/City Stafford

County/City Stamp

SWCBS Permit \_\_\_\_\_  
County Permit \_\_\_\_\_

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

- Virginia Plane Coordinates
  - N \_\_\_\_\_
  - E \_\_\_\_\_
- Latitude & Longitude
  - N \_\_\_\_\_
  - W \_\_\_\_\_
- Topo. Map No. 1823
- Elevation \_\_\_\_\_ ft.
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

• Owner Shaw's Cathy Flinn  
 • Well Designation or Number Permit 155601 & Bernard Williams  
 Address 110 Brockdale Road  
Stafford, Va. 22554  
 Phone H. 1659-2013 F. 899-3468  
 • Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

For Office Use

189-88-384 8797 Hand Mailed  
 Tax Map I.D. No. 29-44K  
 Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot \_\_\_\_\_  
 Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
 IIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 2200 feet/miles N. (direction) of Intersection of 630 & 617  
 and \_\_\_\_\_ feet/miles E (direction) of 617  
 (If possible please include map showing location marked)

Date started 3/23/89 • Date completed 3/27/89 Type of Air Rotary

Approximate Drawdown 425 feet.

- WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_
- Total depth 600 ft.
  - Depth to bedrock 247 ft.
  - Hole size (Also include reamed zones)
    - 10 inches from 0 to 247 ft.
    - 6 7/8 inches from 247 to 600 ft.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Casing size (I.D.) and material
    - 6 7/8 inches from +1 to 247 ft.  
Material 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 \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_
- Static water level (unpumped level-measured) 135 ft.
  - Stabilized measured pumping water level \_\_\_\_\_ ft.
  - Stabilized yield 12 gpm after 1 hours
  - Natural Flow: Yes \_\_\_\_\_ No  , flow rate \_\_\_\_\_ gpm
  - Comment on quality \_\_\_\_\_

3. WATER ZONES: From 250 to 251
- 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

8. 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 Blank

• Gravel pack  
 • From 50 to 248 ft. 4/1/89  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_

• Grout  
 • From 0 to 50 ft. Type Noat Cement 18 Bags  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_ 4/1/89  
Installed Water Tight Cap  
Suggest setting pump @ approx 580'  
OVER

9. State law requires submitting a water well completion report for all wells intended for water, or any other non-exempt well. This information shall be submitted together with the well log. Information required includes: an accurately and completely prepared water well completion report, full data from the well log, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. 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.

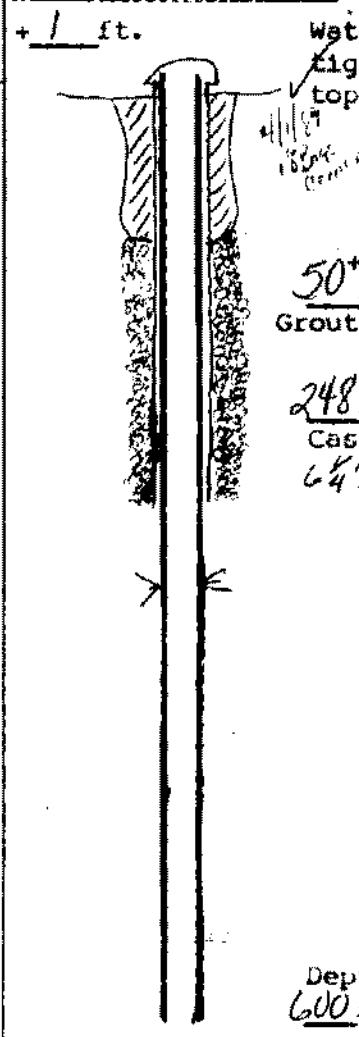
10. DRILLERS LOG (use additional Sheets if necessary)

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	40	micaceous formation/red	
40	50	blue clay	
50	230	sandstone	
230	247	soft blue rock	
247	600	hard blue rock	

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



Approximate Water Zones  
250 to 251

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.

Signature James H. Decker (Small), Date 4/1/89  
 (Well driller or authorized person) License No. \_\_\_\_\_

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  
 703 628-5183

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

West Central Reg. Off.  
 Executive Park  
 3312 Peters Creek Road  
 Roanoke, Va. 24019  
 703-982-7432

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