

**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

• BWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

\_\_\_\_\_ St.  
No. 23230

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. 182 B  
• Elevation \_\_\_\_\_ ft.  
• Formation \_\_\_\_\_  
• Lithology \_\_\_\_\_  
• River Basin \_\_\_\_\_  
• Province \_\_\_\_\_  
• Type Logs D. L.  
• Cuttings N. A.  
• Water Analysis \_\_\_\_\_  
• Aquifer Test \_\_\_\_\_

• Owner Richard + Susan Baker

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

Address 2257 Mountain View Rd  
Stafford, VA 22654

Phone \_\_\_\_\_

• Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

50-87-26 2-3-87  
K.W. Danielson

Tax Map I.D. No. 19-19A-E-19B

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

Class Well. I \_\_\_\_\_ IIA \_\_\_\_\_

IIIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIIB \_\_\_\_\_

IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 1 (feet/miles) N (direction) of 648 + 630 across from  
and \_\_\_\_\_ (feet/miles) (direction) of Presbyterian Church  
(If possible please include map showing location marked)

Date started 6-27-87 • Date completed 6-29-87 Type rig Art. Rotary

1. WELL DATA: New  Heworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth \_\_\_\_\_ 400 ft.

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

• 10 inches from 0 to 63 ft.

• 6 1/2 inches from 63 to 400 ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

• 6 1/4 inches from +1 to 64 ft.

Material Black Steel

Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

50' • 4" inches from PVC Wall Casing 1 1/2 Sch. 40

Material as per - Slotted - from 150' to 370'

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)

• Slotted inches from 150 to 370 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

• From 0 to 20 ft. Type Neat Cement

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

In-cased Walertight top  
Suggested setting pump at approx 375'

approximate drawdown 150 feet.

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_

• Static water level (unpumped level measured) \_\_\_\_\_ 50 ft.

• Stabilized measured pumping water level \_\_\_\_\_ ft.

• Stabilized yield 2 1/2 gpm after 1 hour of operation

Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ Flow rate \_\_\_\_\_ gpm

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 125 To 136

From 360 To 363 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 seat \_\_\_\_\_

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 Mr. Baker

OVER

Owner Richard + Susan Baker  
Stafford # 648

9. State law requires submitting to the Virginia State Water Control Board information about groundwater intended for water, or any other non-exempt well. This information must be submitted whether the well is... Information required includes: an accurately and completely prepared water well completion report, full data from... cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any... pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required... the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water... report for public supply wells.

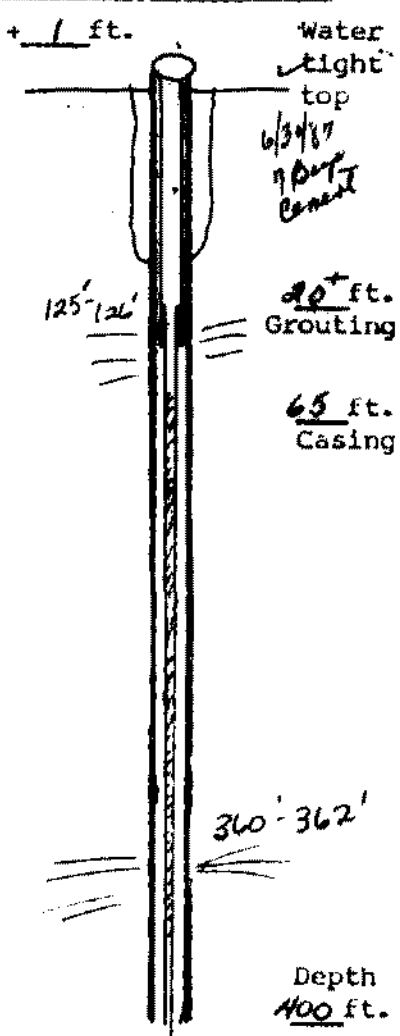
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, (etc.))
From	To		
0	10	Red clay	
10	30	Red micaceous formation	
30	60	Brown micaceous formation	
60	80	Brown Rock	
80	140	Hard blue rock	
140	300	Soft blue + red rock	
300	350	Hard blue rock	
350	400	Black rock	

Approximate  
Water Zones  
125-126  
360-362  
Casing plotted  
150 TO 370

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.e.l. 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

Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Arlington, Va. 24210  
703-628-5183

West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432

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

Signature Anne H. Daniel (Seal), Date 6/30/87  
 (Well driller or authorized person) License No. \_\_\_\_\_