

**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

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

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

(Certification of Completion/County Permit)

Southface Associates  
North Hill  
PO Box 909  
Stafford, Va. 22551  
659-2000

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 \_\_\_\_\_

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

For Office Use  
189-88-175 4-8-88  
Tax Map I.D. No. 7-3-1  
Subdivision Stafford Station  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot # 1  
Class Well I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
IIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 1/4 (feet/miles East direction) of Intersect on 610 & Lakebridge  
and \_\_\_\_\_ feet/miles (direction) of #610  
(If possible please include map showing location marked)

Date started 8/31/88 • Date completed 8/31/88 Type rig Air Rotary

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth \_\_\_\_\_ ft. 100  
• Depth to bedrock \_\_\_\_\_ ft. 65  
• Hole size (Also include reamed zones)  
• 10 inches from \_\_\_\_\_ to 65 ft.  
• 6 1/2 inches from 65 to 100 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I.D.) and material  
• 6 1/2 inches from +1 to 65 ft.  
Material P.V.C. Well Casing  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ 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)  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Mesh size \_\_\_\_\_ Type \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Gravel pack  
• From \_\_\_\_\_ to \_\_\_\_\_ ft.  
• From \_\_\_\_\_ to \_\_\_\_\_ ft.

Approximate Drawdown 20 feet.  
2. WATER DATA • Water temperature \_\_\_\_\_  
• Static water level (unpumped level-measured) 10  
• Stabilized measured pumping water level 30  
• Stabilized yield 30 gpm after 5 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate \_\_\_\_\_ g p  
Comment on quality \_\_\_\_\_  
3. WATER ZONES: From 85 To 87  
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 \_\_\_\_\_  
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 Southface  
Installed Watertight Top  
Suggested wellhead pump @ approx 50'  
Pumped 20 GPM @ 50' on 8/31/88

South Area / Mack Pitt  
 Owner: For Sale  
 Bedford Section #1

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made or 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, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, 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)			11.	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)	TYPE OF ROCK OR SOIL	REMARKS	Drilling Time (Min.)	
From To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, (etc.))		+   ft. Water tight top
0 10	Hard red formation with mica			
10 40	Micaceous formation brown			
40 60	Micaceous formation red			
60 66	soft brown rock			
66 100	hard brownish rock			
		Approximate water zones 85' 87'		9/3/88 24 hrs 50' Grout 66' Casing 64" P.V.C. Well Case Dept 100'

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 \_\_\_\_\_

- 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  
Abingdon, Va. 24210  
703-828-5183
  - West Central Reg. Off.  
Executive Park  
3312 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  
804-493-8742
  - Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111

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: Grant Danielson (Seal), Date 9/3/88  
 (Well driller or authorized person) License No. \_\_\_\_\_