

**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

• BWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

9-3-18

Water Well Board  
143  
143  
Hamilton St.  
Richmond, Va. 23230

*Mark Pitt*  
*Southface Resources*  
*P.O. Box 9109*  
*Stafford, Va. 22554*  
*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 \_\_\_\_\_

For Office Use

*189-88-608* *was* *12/21/89*  
*Mardons*  
Tax Map I.D. No. \_\_\_\_\_  
Subdivision Stafford Station  
Section 1  
Block \_\_\_\_\_  
Lot 10  
Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

• 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 - 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

WELL LOCATION: 1 (feet/miles) East direction of Intersection of 644 & 610  
and \_\_\_\_\_ feet/miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) subdivision on left  
house on right  
Date started 8/7/89 • Date completed 8/8/89 Type rig Air Rotary

Approximate Drawdown 300 feet.

2. WATER DATA • Water temperature \_\_\_\_\_  
• Static water level (unpumped level-measured) 40  
• Stabilized measured pumping water level 340  
• Stabilized yield 1 1/2 gpm after \_\_\_\_\_ hour  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_

3. WATER ZONES: From 260 To 261  
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: Typt. 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 Basin

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth 380 ft.  
• Depth to bedrock 94 ft.  
• Hole size (Also include reamed zones)  
• 10 inches from 0 to 94 ft.  
• 6 inches from 94 to 380 ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I.D.) and material  
• 6 1/4 inches from +1 to 94 ft.  
Material PVC 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)  
• \_\_\_\_\_ 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  
• From 0 to 50+ ft. Type Pressure Grouting  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement

*Installed water tight top*  
*Suggest setting pump @ approx 360'*  
*OVER*

*8/11/89*  
*Top off 8/14/89*

Mark Pitt / Southface Assoc.  
 Owner For Sale

Stafford Station # 10  
 Stafford off 644 F610

State law requires...  
 intended for water...  
 public supply...  
 10/1/1989

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in 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, drill cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumping 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 (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)	Drilling Time (Min.)	1 ft. scale 
From	To				
0	10	red clay			
10	40	Micaceous formation - red			
40	70	Micaceous formation - brown			
70	94	soft brown shale			
94	380	hard blue rock			
			Approximate Water zones 260 to 261		

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 ordinance 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  
703-628-2595
  - Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-992-7452
  - 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  
703-750-9111

Signature [Signature] (Seal), Date 8/24/89  
 License No. \_\_\_\_\_