

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)

25L-3-56

County/City Stafford

Ken Ross  
Ross Brothers  
P.O. Box 352  
Jarrisonville, Va. 22463  
659-7778

SWCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_

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

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 - For Sale -  
• Well Designation or Number \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_  
• Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22408  
Phone (703) 898-6025

For Office Use  
189-89-308 11/21/68 Richard Smith  
Tax Map I.D. No. 25-49-3-56  
Subdivision Plot 3  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot #59 56  
Class Well I \_\_\_\_\_ IIIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIB ✓  
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 3/4 (feet/mile) N direction) of \_\_\_\_\_  
and \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked)  
Date started 7/29/91 • Date completed 7/31/91 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth 200 ft.  
• Depth to bedrock 119 ft.  
• Hole size (Also include reamed zones)  
• 10 inches from 0 to 50 ft.  
• 7 7/8 inches from 50 to 119 ft.  
• 6 7/8 inches from 119 to 200 ft.  
• Casing size (I.D.) and material  
• 6 7/8 inches from +1 to 119 ft.  
Material steel  
Wt per foot 13.86 or wall thickness .188 in.  
• 4 inches from 110 to 170 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
• 4 inches from 190 to 200 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
• Screen size and mesh for each zone (where applicable)  
• 4 inches from 170 to 190 ft.  
• Mesh size .020 Type P.V.C.  
• \_\_\_\_\_ 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 Grout  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement

Installed Waterstop top  
Support selling pump @ approx. 180'  
than well - diameter 4" lines @ approx. 110' / 1 1/2" casing  
OVER

Approximate Drawdown 110 feet.

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
• Static water level (unpumped level-measured) 58 ft.  
• Stabilized measured pumping water level 160 ft.  
• Stabilized yield 12 gpm after \_\_\_\_\_ hour  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_

3. WATER ZONES: From 170 To 175  
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. WELL HEAD: Typl. 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 Benny Stratton  
1 1/2" casing

Ken Ross - Ross Brothers

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

Owner

For Sale

Black Farms # 51  
Stafford #609

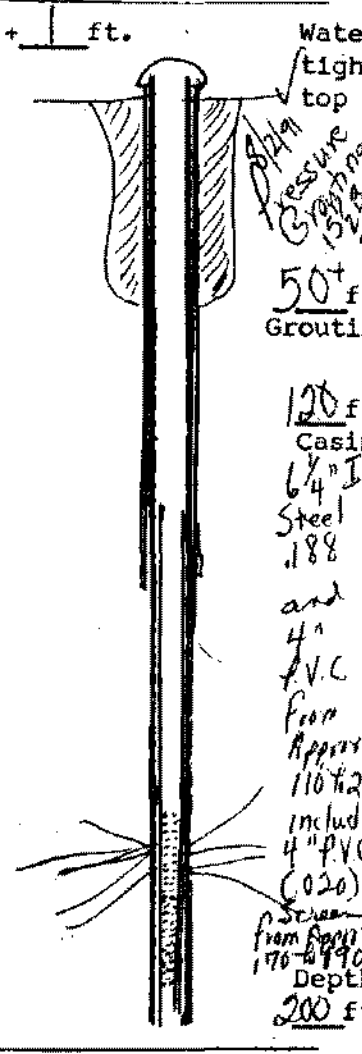
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information 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 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.

Not 12. DIAGRAM OF WELL TO 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.)
From	To			
0	10	Sandy Red Clay		
10	40	Micaceous formation / Red		
40	90	Micaceous formation / Brown		
90	119	Soft Brown Shale		
119	150	Brown Shale <sup>soft</sup>	Set 4" liner and P.V.C. Screen	
150	200	Hard Blue Rock		



Approximate Water Zones  
174 to 175

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 Arthur Panulob (Well driller or authorized person), Date 8/2/19  
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  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432

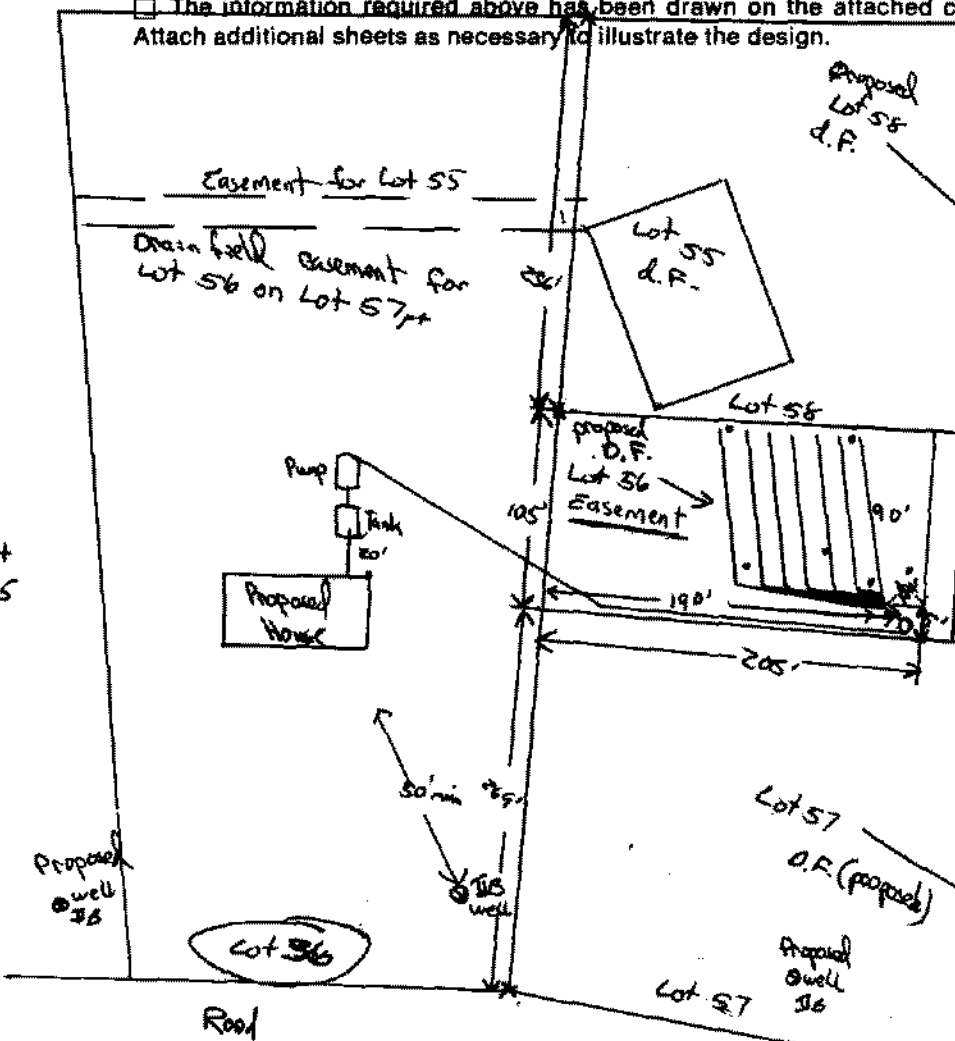
Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111

Schematic drawing of sewage disposal system and topographic features.

Show the lot lines of the building lot and building site, sketch of property showing any topographic features which may impact on the design of the system, all existing and/or proposed structures including sewage disposal systems and wells within 100 feet of sewage disposal system and reserve area. The schematic drawing of the sewage disposal system shall show sewer lines, pretreatment unit, pump station, conveyance system, and subsurface soil absorption system, reserve area, etc. When a nonpublic drinking water supply is to be located on the same lot show all sources of pollution within 100 feet.

\* Drawing not to scale.

The information required above has been drawn on the attached copy of the sketch submitted with the application. Attach additional sheets as necessary to illustrate the design.



- \* Drainfield to be 100'+ from all class III wells and 50'+ from all class II wells.
- \* Remove all trees within 10' of drainfield.
- \* Install (8" 90' lines in 36" wide ditches, following land contours.
- \* Install septic tank and distribution box shallow (18" to 24" maximum cover.
- \* Install ditches at a depth of 40" .
- \* Follow OSHA codes.
- \* Header lines to extend 24" into ditches.
- \* Place untreated building paper over gravel in ditches.
- \* Designed for basement plumbing? Yes **No**
- \* Pump septic tank every 3 to 5 years.
- \* Keep driveway off drainfield system.
- \* Divert roof drains away from drainfield.
- \* Install class III well 50' + from all sources of contamination.
- \* Well shall not be located in a low area.
- \* Well to be 10'+ from all property lines.
- \* ( . ) Indicates soil boring.
- \*\*\* PUMP SYSTEM REQUIREMENTS \*\*\*
- \* Install check valve at pump and elbow in basin.
- \* Pump to deliver 252 gallons per cycle; 16.5 volume for 250 gallon tank.
- \* Install alarm panel with audio and visual signals in dwelling.
- \* Contractor to supply pump specifications.
- \* Building inspector to check all wiring.
- \* Sanitarian to observe pump operation.

The sewage disposal system is to be constructed as specified by the permit or attached plans and specifications .

This sewage disposal system construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

No part of any installation shall be covered or used until inspected, corrections made if necessary, and approved, by the local health department or unless expressly authorized by the local health dept. Any part of any installation which has been covered prior to approval shall be uncovered, if necessary, upon the direction of the Department.

Date: 2-21-89 Issued by: [Signature] Sanitarian

Date: 2-8-90 Reviewed by: [Signature] Supervisory Sanitarian

This Construction Permit Valid until JUNE 1993

If FHA or VA financing

Reviewed by Date \_\_\_\_\_ Date \_\_\_\_\_

Supervisory Sanitarian

Regional Sanitarian