

# WELL COMPLETION REPORT

(Certification of Completion/County Permit)

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

Below Construction  
2432 Mountain View Road  
Stafford, Va 22554  
752-1010

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates	N
	E
Latitude & Longitude	
	N
	W
• Topo. Map No. <u>183A</u>	
• Elevation	ft.
• Formation	
• Lithology	
• River Basin	
• Province	
• Type Logs <u>D. L.</u>	
• Cuttings <u>N. A.</u>	
• Water Analysis	
• Aquifer Test	

• Owner Garrisonville Church of Christ

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

Address 648  
Stafford, Va. 22554

Phone 659-2456

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

Address 4616 Hood Drive  
Fredericksburg, Virginia 22401

Phone (703) 890-6025

• BIRM No. \_\_\_\_\_

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

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

Certification of inspecting official:  
This well does not meet code/low requirements.

S. \_\_\_\_\_

Date \_\_\_\_\_

For Office Use

50-85-376 Karl Rudolph  
11-20-85

Tax Map I.D. No. 28-5

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_

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

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

WELL LOCATION: \_\_\_\_\_ (feet/miles) \_\_\_\_\_ direction of \_\_\_\_\_

and 1/4 (feet/miles) W (direction) of 648 E 627

(If possible please include map showing location marked)

Date started 11/14/88 • Date completed 11/14/88 Type rig Air Rotary

New Church on left  
North 5' inc of #648 - between 630' & 629'  
1/4" N.E. of #627

Approximate Drawdown 60 feet.

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

• Total depth 140 ft.

• Depth to bedrock 62 ft.

• Hole size (Also include reamed zones)

• <u>10</u> inches from <u>0</u> to <u>50</u> ft.
• <u>8</u> inches from <u>50</u> to <u>62</u> ft.
• <u>6 1/2</u> inches from <u>62</u> to <u>140</u> ft.

• Casing size (I.D.) and material

• <u>6 1/2</u> inches from <u>71</u> to <u>62</u> ft.	Material <u>PVC Well Casing</u>
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 <u>0</u> to <u>50</u> ft. Type <u>Pressure Grouting</u>
• From _____ to _____ ft. Type <u>Neat Cement</u>

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

• Static water level (unpumped level measured) 40 ft.

• Stabilized measured pumping water level 100 ft.

• Stabilized yield 15 gpm after \_\_\_\_\_ hour.

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

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

3. WATER ZONES: From 130 To 131

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 Church

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 \_\_\_\_\_

Installed watertight top (2 part cement)

Suggest setting pump @ approx 120'

Owner Sheppard  
6488 627

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 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)

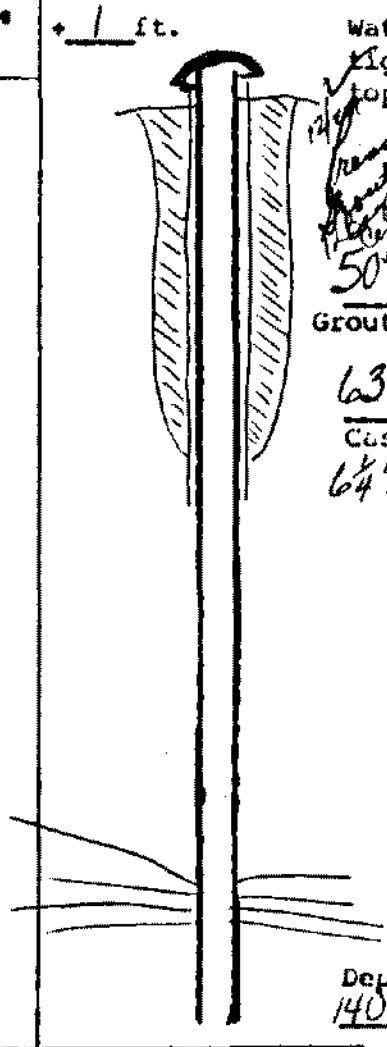
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, spring, cavities, broken, core, shot, logs.)
From	To		
0	20	red clay	
20	50	red micaceous formation	
50	62	Micaceous formation/brown	
62	140	blue rock	

Approximate  
Water Zones  
130 to 131

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.s.f. for \_\_\_\_\_  
 minutes. Pipe size \_\_\_\_\_ inches, Material \_\_\_\_\_  
 Installer \_\_\_\_\_  
 Date \_\_\_\_\_

- State Water Control Board Regional Offices**
- Valley Reg. Off.  
116 North Main Street  
P. O. Box 248  
Bridgewater, Va. 22612  
703-628-2595
  - Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24219  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
3312 Peters Creek Road  
Roanoke, Va. 24019  
708-988-7488
  - Piedmont Reg. Off.  
4610 West Broad Street  
P. O. Box 6618  
Richmond, Va. 23230  
804-257-1006
  - Tidewater Reg. Off.  
267 Pamphre Office Park  
Suite 316 Pamphre No. 2  
Va. Beach, Va. 23462  
804-499-8742
  - Northern Virginia Reg. Off.  
5315 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 James H. Davidson (Seal), Date 12/29/89  
 (Well driller or authorized person) License No. \_\_\_\_\_