

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

• BWCM No.

37A-14

(Certification of Completion/County Permit)

Major Construction
2432 Roundwood Rd
Stafford, Va 22554
752-1010

SWCB Permit _____
County Permit _____
Certification of inspecting official:
This well does _____ does not _____
meet code/low requirements.
S. _____
Date _____
For Office Use

County/City Stafford

County/City Stamp

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

• Owner Dr. H. Bowls
• Well Designation or Number _____
Address 109 Hughes Drive
Stafford, Va.
Phone 659-3613
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 896-6025

Tax Map I.D. No. 37-42-14
Subdivision Abel Lake
Section 92
Block _____
Lot 14
Class Well I _____ IIIA _____
IIA _____ III _____
IB _____ IIIA _____
IIC _____ III _____ IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____ direction) of _____
(If possible please include map showing location marked)

Date started 9/11/87 • Date completed 9/11/87 Type rig ALL ROTARY

WELL DATA New Reworked _____ Deepened _____
• Total depth 200 ft.
• Depth to bedrock 105 ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 60 ft.
• 8 inches from 60 to 105 ft.
• 6 3/4 inches from 105 to 200 ft.
• Casing size (I.D.) and material
• 6 3/4 inches from +1 to 105 ft.
Material Steel
Wt. per foot 13.66 or wall thickness .188 in.
• _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
100 • 4 inches from 100 to 200 ft. 1/2" approx
Material 7" PVC Well Casing - AS - Slotted from 120 to 190'
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 9/26/87
• From _____ to _____ ft. Type Neat Cement

approximate drawdown 50 feet.
2. WATER DATA • Water temperature _____
• Static water level (unpumped level measured) 75
• Stabilized measured pumping water level 125
• Stabilized yield 15 gpm after _____
Natural Flow: Yes _____ No _____ flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 185 To 187
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 _____
Lump instal. through _____

Installed Waterlog Cap
Biggest submerg pump @ approx 180'
Pumped 10 GPM @ 150' on OVER 9/4/87 (Keep for arisitors & out of liner)
Centralize

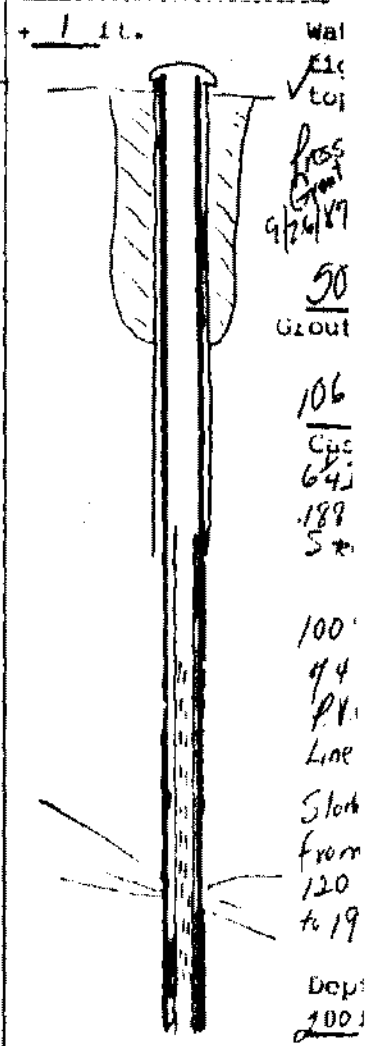
Owner John Construction
Booth 5042 LOT
Abel Lake #14

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State 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 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, caving, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To			
0	10	red clay		
10	50	red micaceous formation		
50	70	brown micaceous formation		
80	105	soft graphite		
105	200	graphite	inserted 4" liner	
			Approximate Water Zones	
			185 to 187	

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.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.

- State Water Control Board Regional Offices**
- Valley Reg. Off.
116 North Main Street
P. O. Box 208
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
2 Peters Creek Road
Va. 24019
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 Chris J. Daniels Date 10/29/87
 (Well driller or authorized person) License No. _____