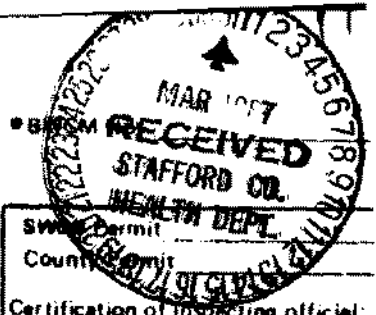


COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT



Water Control Board
Box 11143
211 North Hamilton St.
Richmond, Va. 23230

(Certification of Completion/County Permit)
Cash Builders
12163 Jefferson Davis Highway
Stafford, Va 22554
659-1063

County/City Stafford

County/City Stamp

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. 182B
• 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

For Office Use
SD-86-490 M. Newman
10-14-86
Tax Map I.D. No. 31-20-P
Subdivision Willow Gardens
Section _____
Block _____
Lot #2
Class Well: I _____, IIA _____
IIB , IIA _____, IIB _____
IIC _____, IID _____, IIE _____

WELL LOCATION: _____ (feet/miles) (direction) of _____
and _____ (feet/miles) (direction) of _____
(If possible please include map showing location marked (300' W. of 687 & 667'))
Date started 3/16/87 • Date completed 3/18/87 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____
• Total depth 240 ft.
• Depth to bedrock _____ ft.
• Hole size (Also include reamed zones)
• 10 inches from _____ to 60 ft.
• 8 3/4 inches from 60 to 104 ft.
• 6 1/4 inches from 104 to 240 ft.
• Casing size (I.D.) and material
• 6 7/8 inches from +1 to 104 ft.
Material Steel
Wt. per foot 13 or wall thickness 1.88 in.
• _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
147 • 5 1/4 inches from 93 to 240 ft.
Material Steel Casing - Liner - Slotted from 180' to 220'
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 _____ ft. Type Neat Cement
• From _____ to _____ ft. Type _____

Approximate Drawdown 50 feet.
2. WATER DATA • Water temperature _____
• Static water level (unpumped level measured) 100
• Stabilized measured pumping water level 150
• Stabilized yield 20 gpm after _____
Natural Flow: Yes _____ No flow rate _____
Comment on quality _____
3. WATER ZONES: From 200 To 220
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 _____ hp
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 Cash Builders
by Danielson Plumbing

Installed watertight cap
- suggest setting pump @ approx 180'
Pumped 15 GPM @ 180' on 3/18/87
- Will encounter liner @ approx 93'
Pressure Casing 3/19/87
(Bore Cement)
OVER 93'

Cape Builders
 Owner For Sale
Willow Landing #2



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, test 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 (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)	Drilling Time (Min.)	
From	To				
0	10	red clay			
10	50	yellow sand			
50	75	sand & gravel			
75	90	blue clay			
90	105	sandstone (soft)			
105	130	sandstone (hard)			
130	150	blue clay			
150	170	brown clay			
170	180	brown sand			
180	200	brown clay			
200	220	grey sand	Approximate Water Zones		
220	240	brown clay	200 to 220		

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.

- State Water Control Board Regional Offices**
- Allegheny Reg. Off.
6 North Main Street
P. O. Box 268
Eggleston, Va. 22812
703-254-2545
 - Blue Ridge Reg. Off.
111 Main Street
Box 476
Dun, Va. 24210
703-285-5183
 - West Central Reg. Off.
1st Culture Park
7312 Peters Creek Road
Roanoke, Va. 24019
703-Reg-7412
 - 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

14. WATER SERVICE PIPE: Checked under _____ p.s.f. 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 Chris N. Danielson (Seal), Date 3/20/87
 License No. _____