

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

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

(Certification of Completion/County Permit)

Doc Thompson
103 Lombardy Drive
Fredericksburg, Va. 22401
898-1207

County/City Stafford

County/City Stamp

Virginia Plane Coordinates

N _____
E _____

Latitude & Longitude

N _____
W _____

Topo. Map No. 180D

Elevation _____ ft.

Formation _____

Lithology _____

River Basin _____

Province _____

Type Logs D. L.

Cuttings N. A.

Water Analysis _____

Aquifer Test _____

Owner James A. York

Well Designation or Number _____

Address 14623 Dannelle Rd
Woodbridge, Va. 22193

Phone 1-703-670-8431
new 1-703-960-2900

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

Address 4616 Hood Drive
Fredericksburg, Virginia 22401

Phone (703) 898-6025

SWCB Permit _____

County Permit _____

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

For Office Use

189-88-445 M. Newman
9-22-88 Renewal

Tax Map I.D. No. 56-94-1

Subdivision _____

Section _____

Block _____

Lot _____

Class Well I _____ IIA _____

IIA IIB _____ IIB _____

IIIC _____ IIID _____ IIIF _____

WELL LOCATION: 2 (feet/miles) North direction of Intersection of 2184690
and 500 (feet/miles) N. (direction) of #670 (End of #670)
(If possible please include map showing location marked)

Date started 12/15/88 • Date completed 12/15/88 Type rig Air Rotary

Approximate drawdown 70 feet.

WELL DATA: New Reworked _____ Deepened _____

Total depth 199 ft.

Depth to bedrock _____ ft.

Hole size (Also include reamed zones)

7 1/2 inches from 0 to 199 ft.

_____ inches from _____ to _____ ft.

_____ inches from _____ to _____ ft.

Casing size (I.D.) and material

4 1/2 inches from +1 to 199 ft.

Material PVC Well Casing - SDR-17

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)

4 1/2 inches from 179 to 199 ft.

Mesh size .016 Type PVC

_____ inches from _____ to _____ ft.

Mesh size _____ Type _____

_____ inches from _____ to _____ ft.

Mesh size _____ Type _____

_____ inches from _____ to _____ ft.

Mesh size _____ Type _____

Gravel pack

From 50 to 199 ft. Washed

From _____ to _____ ft. Gravel

Grout

From 0 to 50 ft. Type New L. Cement

From _____ to _____ ft. Type _____

Installed Watertight top

Suggest setting pump approx 170'

OVER

2. WATER DATA • Water temperature _____ of _____

Static water level (unpumped level-measured) 80 ft

Stabilized measured pumping water level 150 ft

Stabilized yield 30 gpm after 1 hours

Natural Flow: Yes _____ No Flow rate _____ gpm

Comment on quality _____

3. WATER ZONES: From 179 To 199

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 _____

Pump installed through Doc Thompson

Owner James F. Clarke
Jeffrey #690

BWCM No. _____

ADDRESS
 OWNER/ADDRESS

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made, 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 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.

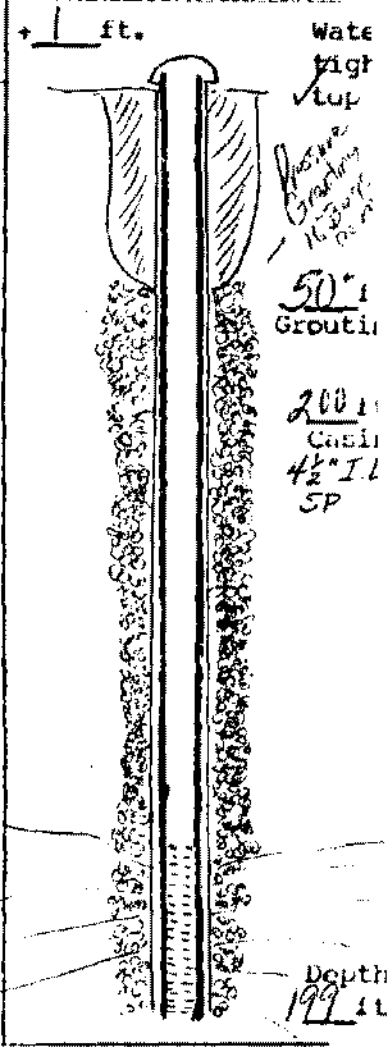
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	15	red clay	
15	30	yellow sand	
30	80	yellow sand & clay	
80	150	black sand & shells	
150	180	grey clay	
180	195	grey sand	
195	199	grey clay	

Approximate
 water zones
 180 to 195

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. i. for _____ minutes. Pipe size _____ inches, Material _____
 Installer _____
 Date _____

- State Water Control Board Regional Offices**
- Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22812
703-828-2595
 - 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
708-982-7432
 - 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

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 Robert D. Danielson (Seal), Date 12/27/88
 (Well driller or authorized person) License No. _____