

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)

County/City Stafford

SWCB Permit
County Permit

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. 183A
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D. L.
• Cuttings N. A.
• Water Analysis _____
• Aquifer Test _____

County/City Stamp
Permit issued to M. A. Revell Owner: Hans H. Waetjen
• Well Designation or Number _____
Address P.O. Box 122 P.O. Box 176
Stafford Va 22554 Garrisonville Va 22463
Phone 659-3126 H 659-6840
W - 202-260-4833
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22408
Phone (703) 898-6025

For Office Use
189-90-254 9/4/90 Rot Sur
9/16/90 Kare Handlog
Tax Map I.D. No. 24A-5-117
Subdivision King's Grant
Section 5
Block _____
Lot 117
Class Well I _____ IIA _____
IIB _____ IIIA _____ IIB ✓
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 3/4 (feet/miles) S (direction) of Intersection of Quantico Road & Meaghan Way
and _____ (direction) of _____
(If possible please include map showing location marked)
Date started 3/24/92 • Date completed 3/25/92 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 300 ft.
• Depth to bedrock 56 ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 56 ft.
• 6 1/8 inches from 56 to 300 ft.
• _____ inches from _____ to _____ ft.
• Casing size (I.D.) and material
• 6 1/4 inches from + 1 to 56 ft.
Material P.V.C.
Wt. per foot _____ or wall thickness SDR 27 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 0 to 50 ft. Type Pressure Grout
• From _____ to _____ ft. Type Neat Cement

Approximate Drawdown 210 feet.
2. WATER DATA • Water temperature _____
• Static water level (unpumped level measured) _____
• Stabilized measured pumping water level 50
• Stabilized yield 6 gpm after 260
Natural Flow. Yes _____ No Flow rate _____
Comment on quality _____
3. WATER ZONES: From 150 To 151
From 280 To 281 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. Lic. _____
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 Cap
Suggest setting pump @ approx 280'
3/27/92

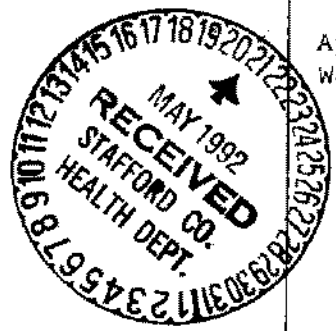
OVER

Stafford
Lad. Meghan Way

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.

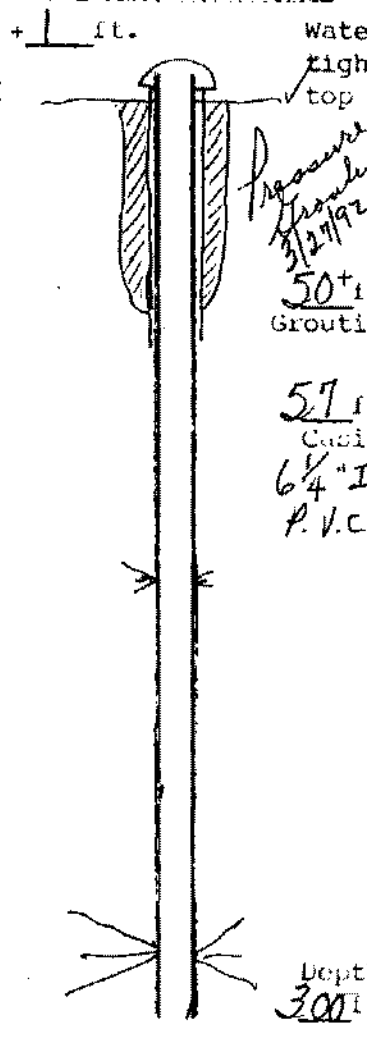
10 DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	10	Sandy Red Clay		
10	30	Micaceous formation/ Red		
30	50	Micaceous formation/ Brown		
50	56	Soft Brown Shale		
56	300	Hard Blue Granite		



Approximate Water Zones
 150 to 151
 and
 280 to 281

11. Not To Scale
 12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



13. Well for 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 268
Bridgewater, Va. 22812
703-878-2595
- 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
Harrisonburg, Va. 24019
703-982-7432
- 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. 23452
804-499-8742
- Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111

Signature *Daniel Danielson* (Seal), Date 3/27/92
 License No. _____