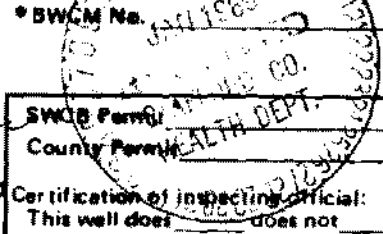


WATER WELL COMPLETION REPORT



State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23238

(Certification of Completion/County Permit)

Jeff Waters
Waters Edge Construction
P.O. Box 3340
Massasa, Virginia 22110
1-703-314-0607
County/City Stamp

County/City Stafford

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. 182 B
• 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
189-88-314 6/8/88 Michael Newton
Tax Map I.D. No. 20H-2-23
Subdivision Bald Eagle Est
Section _____
Block _____
Lot 23
Class Well: I _____, IIA _____
IIB , IIIA _____, IIIB _____
IIC _____, IIID _____, IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____ direction) of _____
(If possible please include map showing location marked) 2 Miles N. of 610 & 641
Date started 12/2/88 • Date completed 12/3/88 Type rig Air Rotary

- I. WELL DATA: New Reworked _____ Deepened _____
- Total depth 240 ft.
 - Depth to bedrock 85 ft.
 - Hole size (Also include reamed zones)
 - 10 inches from 0 to 55 ft.
 - 8 1/2 inches from 55 to 85 ft.
 - 6 1/2 inches from 85 to 240 ft.
 - Casing size (I.D.) and material
 - 6 1/2 inches from +1 to 85 ft. Material Steel
 - Wt. per foot 13 lb. or wall thickness .189 in.
 - 4 inches from 80 to 240 ft. Material Steel
 - 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 inches from 210 to 230 ft.
 - Mesh size .016 Type P.V.C.
 - _____ 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 Neat Cement
 - From _____ to _____ ft. Type _____

- Approximate Drawdown 120 feet.
2. WATER DATA • Water temperature _____ °F
 • Static water level (unpumped level-measured) 60 ft.
 • Stabilized measured pumping water level 180 ft.
 • Stabilized yield 15 gpm after _____ hour
 Natural Flow: Yes _____ No flow rate: _____ g pm
 Comment on quality _____
3. WATER ZONES: From 230 To 231
 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 Waters Edge

Pressure Grouting
Installed watertight top
Suggest setting of pump @ approx 200'
9XER

9. State law requires submitting to the Virginia State Water Control Board water 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.

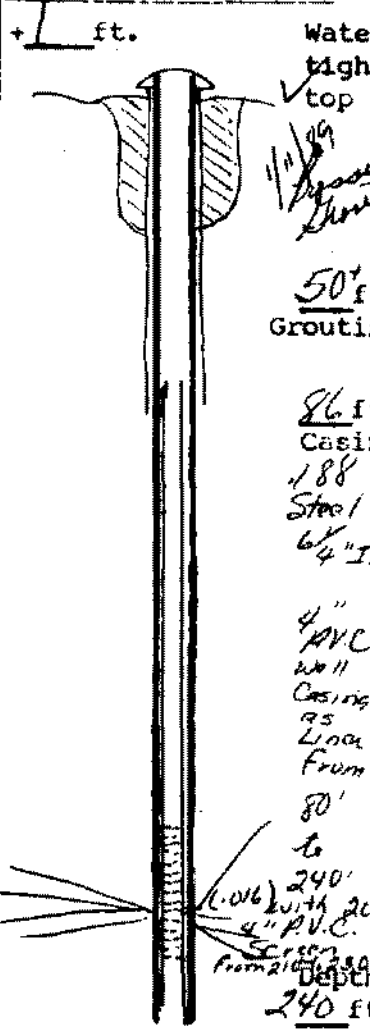
10. DRILLERS LOG (use additional Sheets if necessary)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

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	brown clay		
10	40	red micaceous formation		
40	70	brown micaceous formation		
70	85	soft brown rock		
85	140	soft blue rock		
140	240	hard black rock		

Approximate Water Zones
230 to 231



13. Well let 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
703-828-2595

Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6616
Richmond, Va. 23230
804-257-1006

Southwest Reg. Off.
488 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183

Tidewater Reg. Off.
287 Pembroke Office Park
Suite 310 Pembroke No. 2
Va. Beach, Va. 23462
804-499-8742

West Central Reg. Off.
Executive Park
8812 Peters Creek Road
Roanoke, Va. 24019
703-808-7482

Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-780-9111

Signature Chris J. Donahue (Seal), Date 1/12/89
(Well driller or authorized person) License No. _____