

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

• BWCM No. _____

(Certification of Completion/County Permit)

36-40-18

Water Control Board
11143
Mark Hamilton St.
Richmond, Va. 23220

A. D. Moseley
P.O. Box 337
Stafford, Va. 22471
752-4398

SWCB Permit _____
County Permit _____

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

For Office Use

189-87-337 M. Newman
12-27-87

Loc Map I.D. No. _____
Subdivision Crestwood
Section _____
Block _____
Lot 18
Class Well I _____ IIA _____
IIB _____ IIA _____ IIB _____
IIC _____ IID _____ IIE _____

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates

N _____
E _____
Latitude & Longitude _____
N _____
W _____

• Topo Map No. 183A
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Loc. U. 1.
• Cutting U. 1.
• Water Analysis _____
• Aquifer Test _____

• Owner Chet Martin
• Well Designation or Number _____
Address 664 S. King St.
Alexandria
Phone _____
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6055

WELL LOCATION: 3/4 (feet/miles) E direction of Intersection 616 & 652
and _____ (feet/miles) (direction) of Cardinal Drive
If possible please include map showing location marked on left

Date started 12/8/87 • Date completed 12/10/87 Type of well air Rotary

1. WELL DATA: New Reworked _____ Deepened _____

• Total depth 500 ft
• Depth to bedrock 67 ft

• Casing size (Also include reamed zones)

- 17 inches from 0 to 67 ft
- 6 1/2 inches from 67 to 500 ft
- _____ inches from _____ to _____ ft

• Casing size (I.D.) and material

- 6 1/2 inches from 71 to 67 ft
- Material Steel
- Weight 13 lb per foot or wall thickness .188 in
- _____ inches from _____ to _____ ft
- Material _____
- Weight _____ per foot or wall thickness _____ in
- 4 inches from 50 to 500 ft Reamed
- Material PVC Well Casing - 2" Dia Slotted from 150' to 480'
- Weight _____ 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
- From _____ to _____ ft Type _____

Installed into hole to top of casing (2 bags cement) Plugging grout From _____ to _____ material _____
Grout used approximately 420'

approximate DEPTH TO BEDROCK 200 feet.

2. WATER DATA • Water temperature _____

- Static water level (unpumped level measured) 60
- Stabilized measured pumping water level 260
- Stabilized yield 1 1/2 gpm after _____ hours
- Natural Flow Yes _____ No Flow rate _____ gpm
- Comment on quality _____

3. WATER ZONES: From 20 To 201

From _____ To _____ From _____ To _____
From _____ To _____ From _____ To _____

4. USE DATA:

Type of use Drinking Livestock Watering _____

Domestic _____ 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 HP _____

- 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 _____
Hole filled through _____

OVER

Owner A. D. Mours Jr.
Crestwood #18

BWCM No. _____

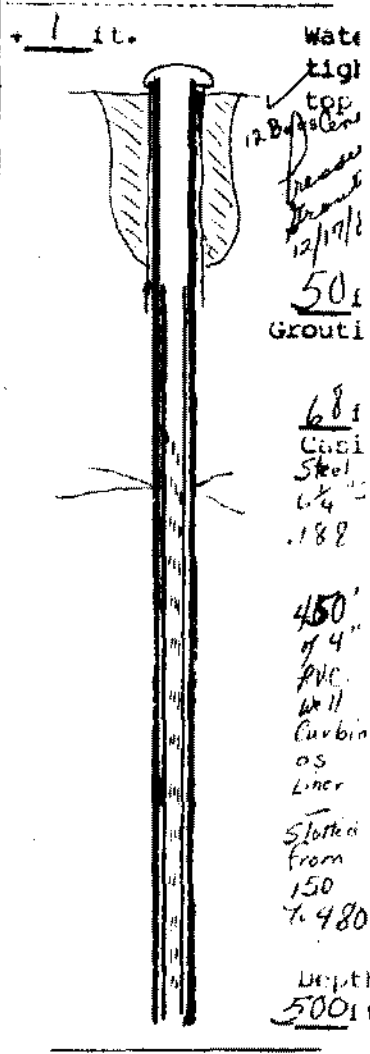
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information 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 purging 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	15	red clay		
15	35	Micaceous formation (red)		
35	60	Micaceous formation (brown)		
60	150	soft brown rock		
150	500	Graphite		

approximate water table 200' to 201'

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.

Signature [Signature] (Seal), Date 12/17/87
 (Well driller or authorized person)

License No. _____

State Water Control Board Regional Offices

Valley Reg. Off.
 115 South 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
 703 828 2183

West Central Reg. Off.
 Executive Park
 5312 Peters Creek Road
 H. Hanover, Va. 24019
 703 881 7452

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

Tidewater Reg. Off.
 287 Pembroke Office Park
 Suite J10 Pembroke No. 7
 Va. Beach, Va. 23462
 804 499 8742

Northern Virginia Reg. Off.
 5515 Cherokee Avenue
 Suite 404
 Alexandria, Va. 22312
 703 750 9111