

COMMONWEALTH OF VIRGINIA

WATER WELL COMPLETION REPORT

BWCM No.

(Certification of Completion/County Permit)

25B-2-30

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

County/City

Stafford

County/City Stamp

Virginia Plane Coordinates
Topo. Map No.
Elevation
Formation
Lithology
River Basin
Province
Type Logs
Cuttings
Water Analysis
Aquifer Test

Owner: Lawrence Herbert Sr
Well Designation or Number
Address: P.O. Box 144, Hartwood, Va. 22477
Phone: 752-9679
Drilling Contractor: John L. Daniels, Jr., Inc.
Address: 466 Hard Drive, Fredericksburg, Va. 22401
Phone: (703) 851-6025 or 898-9325

SWCB Permit
County Permit

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

For Office Use
Tax Map I.D. No.
Subdivision
Section
Block
Lot
Class Well: I, IIA, IIB, IIIC, IIID, IIIE

WELL LOCATION: 1/2 (feet/miles) S. (direction) of #174 Rolling Road
and 150 (feet/miles) W. (direction) of Rolling Road
Approx. Drains 75'
Date started 3-9-84 • Date completed 3-10-84 Type rig Air Rotary

WELL DATA: New [checked] Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

Total depth 220 ft
Depth to bedrock 138 ft
Hole size (Also include reamed zones)
Casing size (I.D.) and material
Screen size and mesh for each zone (where applicable)
Gravel pack
Grout

2. WATER DATA • Water temperature \_\_\_\_\_ °F

Static water level (unpumped level-measured) 25 ft
Stabilized measured pumping water level 40 ft
Stabilized yield 15 gpm after 15 hours
Natural Flow: Yes No [checked] flow rate \_\_\_\_\_ gpm
Comment on quality

3. WATER ZONES: From 174 To 175
From 199 To 200 From \_\_\_\_\_ To \_\_\_\_\_
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

4. USE DATA:
Type of use: Drinking [checked], Livestock Watering
Irrigation \_\_\_\_\_, Food processing \_\_\_\_\_, Household [checked]
Manufacturing \_\_\_\_\_, Fire safety \_\_\_\_\_, Cleaning \_\_\_\_\_
Recreation \_\_\_\_\_, Aesthetic \_\_\_\_\_, Cooling or heating \_\_\_\_\_
Injection \_\_\_\_\_, Other \_\_\_\_\_
Type of facility: Domestic [checked], 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 \_\_\_\_\_

(26 Bags of Cement)

Supervisor's signature: Mr. Herbert

OVER

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)

| 10. DRILLERS LOG (use additional Sheets if necessary) |     |  | 11.  | 12. DIAGRAM OF WELL CONSTRUCTION (with dimensions) |   |
|---|-----|--|--|--|---|
| DEPTH (feet)  |     | TYPE OF ROCK OR SOIL<br>(color, material, fossils, hardness, etc.) | REMARKS<br>(water, caving, cavities, broken, core, shot, etc.) | Drilling Time (Min.)                               | Diagram   |
| From  | To  |  |  |  |   |
| 0   | 30  | red clay   |  |  | <p>50" <math>\phi</math> Pressure Casing</p> <p>1 1/2" <math>\phi</math> Casing</p> <p>Depth 220'</p> |
| 30  | 70  | light brown clay   |  |  |   |
| 70  | 138 | brown sandy clay, brown shale, and layers of white flint           |  |  |   |
| 138   | 220 | granite  |  |  |   |
|   |     |  | <p>Approx. water zone 174 to 175' and 199 and 200'</p>         |  |   |

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

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.  
408 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  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7482

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

14. WATER SERVICE PIPE: Cracked 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 ordinance and the laws and rules of the Commonwealth of Virginia.

Signature James H. Davidson (Seal), Date 3/14/84  
(Well driller or authorized person) License No. \_\_\_\_\_