

# WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

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

## (Certification of Completion/County Permit)

Ed O. Hoopes  
Carter Blanner Bailey  
1016 Bailey Court  
Stafford, Va 22554 752-1425

County/City Stafford

County/City Stamp

- Virginia Plane Coordinates
- N \_\_\_\_\_
- E \_\_\_\_\_
- Latitude & Longitude \_\_\_\_\_
- N \_\_\_\_\_
- W \_\_\_\_\_
- Topo. Map No. 182B
- Elevation \_\_\_\_\_ ft.
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

- Owner Carter Bailey 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

SWCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_  
Certification of inspecting official.  
This well does \_\_\_\_\_ does not  
meet code/low requirements.  
S. \_\_\_\_\_  
Date \_\_\_\_\_

For Office Use

189-89-352 1/28/89 ASST  
Rudolph  
Tax Map I.D. No. 30 N-3  
Subdivision Cobblestone  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot #3  
Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB  IIA \_\_\_\_\_ IIB \_\_\_\_\_  
IIC \_\_\_\_\_ IID \_\_\_\_\_ IIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ feet/miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) 3/4 Miles E of 630 & Don Lane  
Date started 4/13/90 • Date completed 4/13/90 Type rig Air Rotary

- WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_
- Total depth \_\_\_\_\_ 140 ft.
  - Depth to bedrock \_\_\_\_\_ ft.
  - Hole size (Also include reamed zones)
    - 10 inches from 0 to 63 ft.
    - 6 3/8 inches from 63 to 140 ft.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Casing size (I.D.) and material
    - 6 3/4 inches from +1 to 63 ft.  
Material P.V.C. Well Casing  
Wt per foot \_\_\_\_\_ or wall thickness SDR 27 in.
    - 4 inches from 60 to 100 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Schedule 40 in.
    - 4 inches from 120 to 140 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Schedule 40 in.
  - Screen size and mesh for each zone (where applicable)
    - 4 inches from 100 to 120 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 20 feet.
2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_
- Static water level (unpumped level measured) \_\_\_\_\_ ft.
  - Stabilized measured pumping water level \_\_\_\_\_ ft.
  - Stabilized yield 20 gpm after 1 hours
  - Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm
  - Comment on quality \_\_\_\_\_
3. WATER ZONES: From 100 To 120
- |                     |                     |
|---------------------|---------------------|
| 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 L.D.

Installed Watertight Top  
Suggested setting depth @ approx. 100  
top will enclose 4" liner @ approx. 60  
OVER

Owner

Fel Sale

BWCM No.

Collegiate #3  
Stafford #30 & Dist Lane

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 assured), 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)

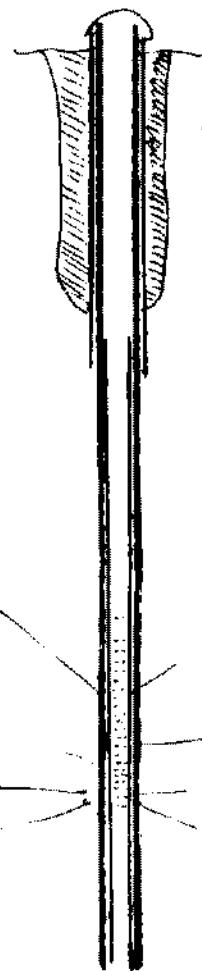
11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Brown clay	
10	30	yellow sand	
30	40	grey sand & gravel	
40	63	Sandstone	
63	100	grey clay	
100	120	grey sand	
120	140	Brown clay	

Drilling Time (Min.)

1 ft.



Approximate Water zones  
100 to 120

Water Table top  
 4" PVC  
 from 60 to 140 as shown included  
 4" (0.16) PVC Screen from 100 to 120 depth 140

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  
 703 628-2595

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  
 Rinerike, Va. 24019  
 703-982-7432

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 Arnie T. Davidson (Seal), Date 4/17/90  
 (Well driller or authorized person) License No. \_\_\_\_\_