

**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

BWCM No. \_\_\_\_\_

*(Certification of Completion/County Permit)*

Board  
1143  
Hamilton St.  
Roanoke, Va. 23230

*Robert French*  
*174 Cambridge Street*  
*Salisbury, Va. 22405*  
*391-1223*

County/City Stafford

County/City Stamp

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. 182B  
• Elevation \_\_\_\_\_ ft.  
• Formation \_\_\_\_\_  
• Lithology \_\_\_\_\_  
• River Basin \_\_\_\_\_  
• Province \_\_\_\_\_  
• Type Logs D. L.  
• Cuttings N. A.  
• Water Analysis \_\_\_\_\_  
• Aquifer Test \_\_\_\_\_

• Owner Alvin G. King, Jr.  
• Well Designation or Number \_\_\_\_\_  
Address 580 Hope Road  
Stafford, Va. 22554  
Phone 659-1957  
• Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
Phone (703) 898-6025

*For Office Use*  
189-89-313 <sup>10/3/89</sup> *Russ R. Rindolph*  
Tax Map I.D. No. 31-23M  
Subdivision \_\_\_\_\_  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles) \_\_\_\_\_ (direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles) \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) 3/4 Miles East Interstate 689/687

Date started 12/1/89 • Date completed 12/1/89 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

- Total depth 120 ft.
- Depth to bedrock \_\_\_\_\_ ft.
- Hole size (Also include reamed zones)
  - 10 inches from 0 to 80 ft.
  - 68 inches from 80 to 120 ft.
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Casing size (I.D.) and material
  - 64 inches from 0 to 79 ft.  
Material P.V.C. Well Casing  
Wt. per foot \_\_\_\_\_ or wall thickness S.D. 27 in.
  - 4 inches from 75 to 79 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Schedule 40 in.
  - 4 inches from 190 to 120 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 90 to 110 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 65' ft. Type Neat Cement
  - From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

Approximate Drawdown 30 feet.

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_
- Static water level (unpumped level-measured) 40 ft.
  - Stabilized measured pumping water level 70 ft.
  - Stabilized yield 20 gpm after 1 hour
  - Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm
  - Comment on quality \_\_\_\_\_

3. WATER ZONES: From 90 To 110  
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 drilling

*Installed Watertight top*  
*Suggest setting pump @ approx 90'*  
*you will see under liner @ OVER approx 75'*

Trinity  
 Owner Blair H. King  
Stephens #1287 - 07/667

BWCM No. \_\_\_\_\_

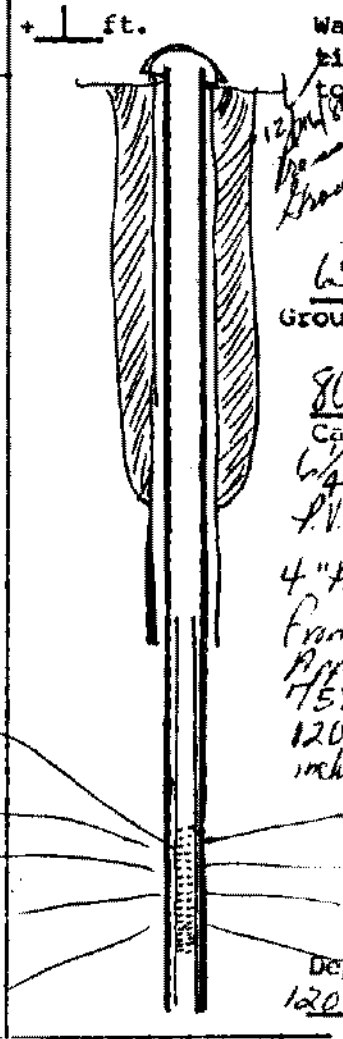
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information 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 pumping 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	10	Brown clay		
10	40	yellow sand		
40	50	blue clay		
50	65	sand & gravel		
65	79	grey clay		
79	90	brown clay		
90	110	sand & gravel		
110	120	blue clay		

Approximate Water Zones  
 90-110

11. Not to Scale  
 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.

- State Water Control Board Regional Offices**
- Valley Reg. Off.  
116 North 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  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, 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. 23462  
804-499-8742
  - Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111

Signature David Daniel Date 12/16/89  
 (Well driller or authorized person) License No. \_\_\_\_\_