

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

(Certification of Completion/County Permit)

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



County/City Stafford

County/City Stamp

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

• Owner Larry Williams  
 • Well Designation or Number \_\_\_\_\_  
 Address Stafford, Va.  
25 Doherty Rd  
 Phone (72554)

• Drilling Contractor  
 Address KING GEORGE DRILLING SERVICES, INC.  
RT. 1 BOX 117  
COLONIAL BEACH, VA. 22443  
 Phone \_\_\_\_\_

Certification of inspecting official:  
This well does not  
meet the following requirements.

Date \_\_\_\_\_  
 For Office Use  
49C-2-10-1  
 Tax Map I.D. No. 5D-85-118  
 Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot \_\_\_\_\_  
 Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
 IIB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_  
 IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 3/10 (feet/miles So. direction) of Rt. 621  
 and 300' (feet/miles West direction) of Rt. 681  
 (If possible please include map showing location marked)

Date started 4-8-86 • Date completed 4-8-86 Type rig Rotary

- I. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_
- Total depth 255 ft.
  - Depth to bedrock \_\_\_\_\_ ft.
  - Hole size (Also include reamed zones)
    - 10 inches from 2 to 55 ft.
    - 8 inches from 55 to 147 ft.
    - 3 3/8 inches from 147 to 255 ft.
  - Casing size (I.D.) and material
    - 4 inches from 1 to 147 ft.  
Material galv.
    - Wt. per foot \_\_\_\_\_ or wall thickness .188 in.
    - 2 inches from 147 to 245 ft.  
Material galv.
    - 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)
    - 2 inches from 245 to 255 ft.
    - Mesh size 20 Type 5. Steel
    - \_\_\_\_\_ 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 2 to 55 ft. Type Cement
    - From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_
- Static water level (unpumped level-measured) 15 ft.
  - Stabilized measured pumping water level 35 ft.
  - Stabilized yield 55 gpm after 4 hours
  - Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate: \_\_\_\_\_ gpm
  - Comment on quality iron
3. WATER ZONES: From 245 To 255
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 sub • Rated H.P. 34  
 • Intake depth 100 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head
6. WELLHEAD: Type well seal WC4 water tight  
 Pressure tank 20 gal., Loc. Crawl Space  
 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 4-8-86 Disinfectant used Chlorine  
 Amount 50 PPM Hours used 2
8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
 Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
 Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Owner \_\_\_\_\_

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 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. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, etc.)	
0	20	br. clay + sand		
20	40	blue sand + grey clay		
40	60	green sand + grey clay		
60	80	grey + pink clay		
80	160	br. grey, green clay		
160	180	white pasty sand		
180	220	grey + br. clay		
220	245	white pasty sand		
245	255	white, blue + grey sand		

13. Well for 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  
 3312 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 C. E. Keahey (Seal), Date 4-8-86  
 (Well driller or authorized person) License No. Wa. 023065

*md. - 299*