

**COMMONWEALTH OF VIRGINIA**  
**WATER WELL COMPLETION REPORT**  
 (Certification of Completion/County Permit)

• BWCM No. \_\_\_\_\_

Control Board  
 143  
 North Hamilton St.  
 Richmond, Va. 23230

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 _____
For Office Use

• Virginia Plane Coordinates
_____ N
_____ E
Latitude & Longitude
_____ N
_____ W
• Topo. Map No. _____
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs <u>Driller</u>
• Cuttings <u>no</u>
• Water Analysis _____
• Aquifer Test _____

• Owner Robert AUCURTH

• Well Designation or Number \_\_\_\_\_

Address 2 red. van

Phone \_\_\_\_\_

• Drilling Contractor KING GEORGE DRILLING SERVICES, INC.

Address RT. 1 BOX 117

COLONIAL BEACH, VA. 22443

Phone \_\_\_\_\_

Tax Map I.D. No. <u>50-2424</u>
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____ IIA <input checked="" type="checkbox"/>
IIB _____ IIIA _____ IIIB _____
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 3/10 feet/miles East direction of RT 218  
 and 30 feet/poles 50 (direction) of RT 710  
 (If possible please include map showing location marked)

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

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

• Total depth 326 ft.

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

• 3 inches from 0 to 20 ft.

• 6 3/4 inches from 20 to 273 ft.

• 3 7/8 inches from 273 to 326 ft.

• Casing size (I.D.) and material

• 4 inches from + 0 to 273 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness 1.88 in.

• 2 inches from 273 to 316 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness 1.88 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 316 to 326 ft.

• Mesh size 16 Type S. 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 0 to 20 ft., Type Cement

• From \_\_\_\_\_ to \_\_\_\_\_ ft., Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_

• Static water level (unpumped level-measured) 140 ft.

• Stabilized measured pumping water level 155 ft.

• Stabilized yield 30 gpm after 4 hours

Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate: \_\_\_\_\_ gpm

Comment on quality good

3. WATER ZONES: From 316 To 326

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 Sub • Rated H.P. 3/4

• Intake depth 246 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal Hand WC4 water tight

Pressure tank 20 gal., Loc. Basement

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 8-4-86, Disinfectant used Chlorine

Amount 50 PPM, Hours used 20

8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_

Casing pulled yes \_\_\_\_\_ no  not applicable

Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Owner \_\_\_\_\_

Bv. \_\_\_\_\_

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made 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, 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.

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.))	Drilling Time (Min.)
From	To			
0	20	br & yellow sand		
20	40	yellow & green		
40	80	green sand		
80	100	black & grey sand		
100	120	Pink & grey clay		
120	200	black sand & S.S shells		
200	300	green to grey clay		
300	312	gray white pasty sand		
312	326	white sand		

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

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  
 703-962-7432

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

Signature C. E. Klabing (Seal), Date 8-4-86  
 (Well driller or authorized person)  
 License No. 023065  
MO-219