

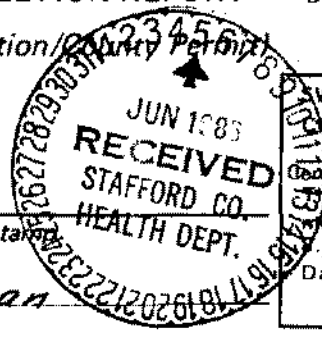
COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

• BWCM No. \_\_\_\_\_

(Certification of Completion / County Permit)

49-39-13

Control Board  
11143  
11 North Hamilton St.  
Richmond, Va. 23230



WCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_  
Classification of inspecting official:  
This well does \_\_\_\_\_ does not \_\_\_\_\_  
Meet code/low requirements.  
Date \_\_\_\_\_  
For Office Use

County/City Stafford

County/City State \_\_\_\_\_

• 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 Vernon Mussleman  
• Well Designation or Number \_\_\_\_\_  
Address Fred VA.  
Phone \_\_\_\_\_  
• Drilling Contractor KING GEORGE DRILLING SERVICES, INC.  
Address RT. 1 BOX 117  
COLONIAL BEACH, VA. 22443  
Phone \_\_\_\_\_

Tax Map I.D. No. \_\_\_\_\_  
Subdivision Japazows  
Section \_\_\_\_\_  
Block 39  
Lot 13  
Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_  
RT 600

WELL LOCATION: 1/2 (east/miles West direction) of  
and 60 (direction) of RT 712  
(If possible please include map showing location marked)

Date started 4-23-86 • Date completed 4-23-86 Type rig Rotary

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

• Total depth 155 ft.  
• Depth to bedrock \_\_\_\_\_ ft.  
• Hole size (Also include reamed zones)  
• 10 inches from 0 to 55 ft.  
• 7 3/4 inches from 55 to 126 ft.  
• 3 7/8 inches from 126 to 155 ft.  
• Casing size (I.D.) and material  
• 4 inches from 41 to 126 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness .188 in.  
• 2 inches from 126 to 135 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness .188 in.  
• 2 inches from 145 to 155 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness .188 in.  
• Screen size and mesh for each zone (where applicable)  
• 2 inches from 135 to 145 ft.  
• Mesh size 20 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 X to \_\_\_\_\_ ft.  
• From X to \_\_\_\_\_ ft.  
• Grout  
• From 2 to 55 ft. Type Cement  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

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

• Static water level (unpumped level-measured) 17 ft.  
• Stabilized measured pumping water level 25 ft.  
• Stabilized yield 75 gpm after 4 hours  
Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate \_\_\_\_\_ gpm  
Comment on quality good (iron)

3. WATER ZONES: From 135 To 145

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. 1/2

• Intake depth 65 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal Hand-tight 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 4/23/86, Disinfectant used Chlorine  
Amount 50 P/M, Hours used 24

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

Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Owner \_\_\_\_\_

BWCR \_\_\_\_\_

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, drift 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, yellow sand clay		
20	40	Blue marl		
40	60	green + Br clay		
60	80	white Pasty sand		
80	100	white sand		
100	120	green, Br, grey, clay		
120	130	green Br clay		
130	145	white, blue, grey, sand.		
145	155	white Pasty 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

Southwest Reg. Off.  
 408 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24210  
 703-628-8183

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 C. E. Healey (Seal), Date 4-24-86  
 (Well driller or authorized person)  
 License No. VA-023065  
MD.-299