

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

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

Wilton St.  
 23230

County/City Stafford

County/City Stamp

Owner Stephen E Spittle

Well Designation or Number \_\_\_\_\_  
 Address Stafford Va.

Phone \_\_\_\_\_

Drilling Contractor  
 Address KING GEORGE DRILLING SERVICES, INC.

RT. 1 BOX 117  
COLONIAL BEACH, VA. 22443

Phone \_\_\_\_\_

WELL LOCATION: 4/10 feet/miles NW direction of RT 630  
 and 150 feet/miles West (direction) of RT 666  
 (If possible please include map showing location marked)

Date started 11-18-85 Date completed 11-19-85 Type rig Rotary

SWCB Permit \_\_\_\_\_  
 County Permit \_\_\_\_\_  
 Certification of inspecting official:  
 This well does \_\_\_\_\_ does not \_\_\_\_\_  
 meet code/low requirements.  
 S. \_\_\_\_\_  
 Date \_\_\_\_\_  
 For Office Use  
40-44I

Tax Map I.D. No. \_\_\_\_\_  
 Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot \_\_\_\_\_  
 Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
 IIB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_  
 IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

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

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

Total depth 280 ft.

Depth to bedrock \_\_\_\_\_ ft.

Hole size (Also include reamed zones)  
 • 10 inches from 0 to 50 ft.  
 • 7 3/4 inches from 50 to 254 ft.  
 • 3 3/4 inches from 254 to 280 ft.

Casing size (I.D.) and material  
 • 4 inches from 41 to 254 ft.  
 Material galv.

Wt. per foot \_\_\_\_\_ or wall thickness .188 in.

• 2 inches from 254 to 270 ft.  
 Material galv.

Wt. per foot \_\_\_\_\_ or wall thickness .188 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 270 to 280 ft.  
 Mesh size 16 Type Stainless Steel

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

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

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

• Stabilized measured pumping water level 145 ft.

• Stabilized yield 40 gpm after \_\_\_\_\_ hours

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

Comment on quality Fair

3. WATER ZONES: From 265 To 280

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 210 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal Hermond 4100 V C

Pressure tank 20 gal. Loc. above casing

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 11-19-85 Disinfectant used Chlorine

Amount 50 PPM Hours used 24

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

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

Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ Material \_\_\_\_\_

Owner \_\_\_\_\_

For Public Health  
 Dept. of Virginia  
 Date April 16, 1985  
P. Brando

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 Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. 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 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	REMARKS		
From	To	(color, material, fossils, hardness, etc.)		
0	20	Br grey clay		
20	40	Sand stone		
40	60	Br sand + soap stone		
60	140	Black sand + sea shells		
140	160	green, Br, grey clay		
160	180	white pasty sand		
180	220	green, Br, grey, clay		
220	240	grey clay + white sand		
240	265	green + Br clay		
265	280	white blue & grey 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  
 703-628-2595

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  
 Roanoke, Va. 24019  
 703-982-7432

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

Signature A. E. Leahy (Seal), Date 4-19-85  
 (Well driller or authorized person)  
 License No. VA-023065  
MO-299