

682A

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

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

(Certification of Completion/County Permit)

Water Control Board  
Box 11143  
11 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	

59-9A

Tax Map I.D. No.	<u>50-87-6.6</u>
Subdivision	_____
Section	_____
Block	_____
Lot	_____
Class Well	I _____, IIA _____
IIA	<input checked="" type="checkbox"/> IIIA _____, IIIB _____
IIIC	_____ IIIID _____, IIIE _____

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

Owner Sheraton Home Builders  
 Well Designation or Number \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone \_\_\_\_\_

Drilling Contractor  
 Address KING GEORGE DRILLING SERVICES, INC.  
PT. 1 BOX 117  
COLONIAL BEACH, VA. 22448  
 Phone \_\_\_\_\_

WELL LOCATION: 500 (feet/miles North direction) of Rt 604  
 and 175 feet/miles West (direction) of Rt 682  
 (If possible please include map showing location marked)

Date started 6-10-87 • Date completed 6-10-87 Type rig Rotary

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

- Total depth 200 ft.
- Depth to bedrock \_\_\_\_\_ ft.
- Hole size (Also include reamed zones)
  - 4 3/4 inches from 0 to 60 ft.
  - 6 1/4 inches from 60 to 168 ft.
  - 3 1/8 inches from 168 to 200 ft.
- Casing size (I.D.) and material
  - 4 inches from ±1 to 168 ft.  
Material galv.  
Wt. per foot \_\_\_\_\_ or wall thickness .188 in.
  - 2 inches from 168 to 190 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 190 to 200 ft.
  - Mesh size 16 Type \_\_\_\_\_
  - \_\_\_\_\_ 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 \_\_\_\_\_ to \_\_\_\_\_ ft.
- Grout
  - From 0 to 50 ft. Type Concrete Pressure
  - From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

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

- Static water level (unpumped level measured) 110 ft
- Stabilized measured pumping water level 120 ft.
- Stabilized yield 20 gpm after 4 hours
- Natural Flow. Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate \_\_\_\_\_ gpm
- Comment on quality 10m

3. WATER ZONES: From 180 To 200

- 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 150 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head
6. WELLHEAD: Type well seal WC4 water tight
- Pressure tank 20 gal., Loc. House
  - 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 6-10-87 Disinfectant used Chlorine
  - Amount 20 PPM, hours used 24
8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_
- Casing pulled  yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_
  - Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State 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)			REMARKS (water, caving, cavities, broken, core, shot, etc.)	11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)			
From	To				
0	30	Brown yellow sand & gravel			
30	60	green sand			
60	140	black sand & shells			
140	160	white Pasty sand & gravel			
160	180	grey clay			
180	200	white & 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  
 703-828-2595

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  
 703-982-7432

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

Signature C. E. Kealey (Seal), Date 6-14-87  
 (Well driller or authorized person)  
 License No. VA-023065  
MD-299