

# WATER WELL COMPLETION REPORT

(Certificate of Completion)



Owner **Stafford**  
**SYG Associates**  
Well Designation of #  
Address **P O Box 728**  
**Nokesville, VA 20182**  
Phone **703-754-1714**

Drilling Contractor **Artesian Water Wells, Inc**  
Address **11412 Gordon Road**  
**Fredericksburg, VA 22407**  
Phone **(540) 785-8163**

PWS/ID # **SWP-01-449**  
Tax Map ID # **40B-14**  
Subdivision **Poplar Hills**  
Section/Block  
Lot/GPIN # **Lot 14**  
Long/Lat  
Class/Well **III B**

Well Location: (feet/miles) (direction) of and  
feet/miles (direction) of  
(If possible please include map showing location marked)

Date Started **06-04-02** Date Completed **06-05-02** Type of Rig **Air Rotary**

### 1. Well Data:

New  Rework  Deepened

Total Depth **220** ft

Depth to Bedrock **90** ft

#### Hole size (Also include reamed zones)

<b>10</b> inches	<b>0</b>	to	<b>198.5</b> ft
<b>6.125</b> inches	<b>198.5</b>	to	<b>220</b> ft
		to	

#### Gravel Pack

Size From to ft

Size From to ft

#### Grout

From **90** to **0** ft., Type **Bentonite**

From **198.5** to **90** ft., Type **Backfill**

#### Casing size (ID) and material

**6.125** inches **+1.5** to **198.5** ft

Material **PVC**

Wt. per ft **4.460** or wall thickness **.329** in

**4.2** inches **120** to **180** ft

Material **PVC**

Wt. per ft **2.788** or wall thickness **.291** in

inches to ft

Material

Wt. per ft or wall thickness in

#### Screen size and mesh for each zone (where applicable)

**4.2** inches **180** to **220** ft

Mesh size **.020** Type **PVC**

inches to ft

Mesh size Type

inches to ft

Mesh size Type

inches to ft

Mesh size Type

### 2. Water Data: Water Temperature

Static water level (unpumped level-measured) **80** ft

Stabilized measured pumping water level ft

Stabilized yield **95** gpm after **1** hours

Natural Flow: Yes  No  Flow rate gpm

Comment on Quality **Clear**

### 3. Water Zones: From **200** To **220**

From To From To

### 4. Pump Data: Type Rated H.P.

Intake depth Capacity at TD head

Model No.

### 5. Disinfection: Well disinfected? Yes No

Date Disinfectant used

Amount Hours used

### 6. Abandonment: Date Casing pulled?

Chlorinated well (explain method)

Plugging grout From to material

(Use Additional Sheets if Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Diagram of Well Construction	
From	To	Remarks (Water, Caving, Cavities, Broken, Core, Shot, Etc.)		
0	20	Brown Sandy Clay	<p>Not to Scale</p> <p>Press. Grout 90' - 0</p> <p>7" OD PVC +1.5' - 198.5'</p> <p>4.2" Casing Front Sheet</p> <p>4.2" Screen Front Sheet</p>	<p>SCREEN WELL</p> <p>Water Tight Cap</p> <p>10" Hole 0 - 198.5'</p> <p>6.128" Hole 198.5' - 220'</p>
20	60	Tan Sand		
60	90	Grey Sandy Clay		
90	160	Grey Green Clay		
160	200	Brown Clay		
200	220	White Sand		
200	220	Water @ 30+ GPM		

8. 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 \_\_\_\_\_

9. Wellhead: Type well seal Water Tight Cap Pressure Tank  gal. Loc \_\_\_\_\_  
 Sample tap  Measurement port  Well Vent  Pressure relief valve  Gate valve   
 Check valve (when required) \_\_\_\_\_ Electrical disconnect switch on power supply \_\_\_\_\_

10. Well lot dedicated?  Size \_\_\_\_\_ ft. x \_\_\_\_\_ ft.: Well house?  Distance to nearest pollutant source \_\_\_\_\_  
 Type \_\_\_\_\_ Distance to nearest property line \_\_\_\_\_ ft., Building \_\_\_\_\_ ft.

11. Water Service Pipe: Checked under \_\_\_\_\_ P.S.I. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches. Material \_\_\_\_\_  
 Installer \_\_\_\_\_ Date \_\_\_\_\_

12. I certify that the information contained herein is true and correct and that this well has been installed and constructed in accordance with the requirements for well constructions specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature Wade N. Drifts (Seal), Date 06-20-02 License No. 2705-046112  
 (Well Driller or Authorized Person)