

# WATER WELL COMPLETION REPORT

(Certificate of Completion)



City **Stafford County**  
Owner **SYG Associates, Inc.**  
Well Designation of #   
Address **PO Box 728**  
**Nokesville, VA 20182**  
Phone **703-754-1714**

PWS/ID # **W-02-350**  
Tax Map ID # **41C-2**  
Subdivision **Canterbury Estates**  
Section/Block   
Lot/GPIN # **Lot 2**  
Long/Lat   
Class/Well **III-B**

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

Date Started **03-28-03** Date Completed **03-26-03** Type of Rig **air rotary**

### 1. Well Data:

New  Rework  Deepened

Total Depth **200'**

Depth to Bedrock **110'**

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

**10** inches **0'** to **150.5'** ft  
**6.125** inches **150.5'** to **200'** ft  
 inches  to  ft

#### Casing size (ID) and material

**6.125** inches **+1.5'** to **150'** ft  
Material **pvc**  
Wt. per ft **4.460** or wall thickness **.328** in  
**4.0** inches **20'** to **160'** ft  
Material **pvc**  
Wt. per ft **2.084** or wall thickness **.237** in  
 inches  to  ft  
Material   
Wt. per ft  or wall thickness  in

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

**4.0** inches **160'** to **200'** ft  
Mesh size **.020** Type **pvc**  
 inches  to  ft  
Mesh size  Type   
 inches  to  ft  
Mesh size  Type   
 inches  to  ft  
Mesh size  Type

#### Gravel Pack

Size  From  to  ft  
Size  From  to  ft

#### Grout

Fro **90'** to **0'** ft, Type **bentonite**  
Fro **150.5'** to **90'** ft, Type **backfill**

### 2. Water Data: Water Temperature

Static water level (unpumped level-measured) **25'** ft  
Stabilized measured pumping water level  ft  
Stabilized yield **50'** gpm after **1** hours  
Natural Flow?: Yes  No  Flow rate  gpm  
Comment on Quality

3. Water Zones: From **158'** to **180'** ft From  to  ft From  to  ft

4. Pump Data: Type  Rated H.P. **3/4**  
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  material

Additional Sheets If Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Remarks (Water, Vaving, Vacities, Broken, Core, Shot, Etc.)	Diagram of Well Construction Not to Scale	SCREEN WELL
From	To				
0'	18'	tan clay			Water Tight Cap
18'	55'	blue soft clay			
55'	110'	pink & grey soft clay		Press. Grout 90'-0'	10' Hole 0'-150.5'
110'	158'	blue hard clay			
158'	200'	white & grey sand		7"OD PVC +1.5'-150.5'	
				4.2" Casing Front Sheet	
					6.125" Hole 150.5'-200'
				4.2" Screen Front Sheet	
158'	180'	water @ 50+ gpm			

8. Use Data

Type of use: Drinking  Livestock Watering  Irrigation  Food Processing  Household  Fire Safety   
 Manufacturing  Injection  Cleaning  Recreation  Aesthetic  Cooling or Heating   
 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  ft.  
 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 M. [Signature] (Seal), Date 03-27-03 License No. 2705-046112  
 (Well Driller or Authorized Person)