

# WATER WELL COMPLETION REPORT

(Certificate of Completion)



Stafford County

Owner SYG Associates, Inc.

Designation of #

Address PO Box 728

Nokesville, VA 20182

Phone 703-754-1714

PWS/ID # SP-02-131

Tax Map ID # 41C-10

Subdivision Canterbury Estates

Section/Block

Lot/GPIN # Lot 10

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 02-14-03

Date Completed 02-14-03

Type of Rig air rotary

### 1. Well Data:

New  Rework  Deepened

Total Depth 140'

Depth to Bedrock 40'

Hole size (Also include reamed zones)

10 inches 0' to 68.5' ft

6.125 inches 68.5' to 140' ft

inches to ft

Casing size (ID) and material

6.25 inches +1.5' to 68.5' ft

Material pvc

Wt. per ft 3.433 or wall thickness .250 in

4.0 inches 20' to 100' 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 100' to 140' 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 68.5' to 0' ft., Type bentonite

Fro to ft., Type

### 2. Water Data: Water Temperature

Static water level (unpumped level-measured) 50' ft

Stabilized measured pumping water level ft

Stabilized yield 30+ gpm after 1 hours

Natural Flow?: Yes  No  Flow rate gpm

Comment on Quality

3. Water Zones: From 120' to 140' ft From

to ft From to ft

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 material

(Add Sheets if Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Diagram of Well Construction	SCREEN WELL	
From	To	Remarks (Water, Vaving, Vacities, Broken, Core, Shot, Etc.)	Not to Scale	Water Tight Cap	
0'	30'	brown sandy clay		10' Hole 0'-68.5'	
30'	65'	brown tan sand		Press. Grout 68.5'-0'	
65'	120'	grey green red clay		7"OD PVC +1.5'-68.5'	
120'	140'	white sand		4.2" Casing Front Sheet	
				4.2" Screen Front Sheet	
120'	140'	water @ 30+ gpm			6.125" Hole 68.5'-140'

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  watertight 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 H. Duff (Seal), Date 03-05-03 License No. 2705-046112  
 (Well Driller or Authorized Person)