

# WATER WELL COMPLETION REPORT

(Certificate of Completion)



County/City Stafford  
Owner BYG  
Well Designation of #   
Address 9701 Burwell Rd.  
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/D # W-02-278  
Tax Map ID # 40B-2-42  
Subdivision Poplar Hills  
Section/Block 2  
Lot/GPIN # 42  
Long/Lat   
Class/Well INB

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

Date Started 6/5/02 Date Completed 6/5/02 Type of Rig Air Rotary

### 1. Well Data:

New  Rework  Deepened

Total Depth 200 ft

Depth to Bedrock 120 ft

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

<u>10</u> inches	<u>0</u>	to	<u>128.5</u>	ft
<u>6.125</u> inches	<u>128.5</u>	to	<u>200</u>	ft
<u></u> inches	<u></u>	to	<u></u>	ft

#### Gravel Pack

Size  From  to  ft  
Size  From  to  ft

#### Grout

From 100 to 0 ft., Type bentonite  
From 128.5 to 100 ft., Type backfill

#### Casing size (ID) and material

6.125 inches +1.5 to 128.5 ft  
Material PVC  
Wt. per ft 4.460 or wall thickness .329 in  
4.2 inches 100 to 160 ft  
Material PVC  
Wt. per ft 2.788 or wall thickness .281 in  
 inches  to  ft  
Material   
Wt. per ft  or wall thickness  in

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

4.2 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

### 2. Water Data: Water Temperature

Static water level (unpumped level-measured)  ft  
Stabilized measured pumping water level  ft  
Stabilized yield 30+ gpm after 1 hours  
Natural Flow: Yes  No  Flow rate  gpm  
Comment on Quality clear w/ light sediment

### 3. Water Zones: From 175' To 200'

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

SYG

7. Drillers Log (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	Not to Scale	<p>SCREEN WELL</p> <p>Water Tight Cap</p> <p>10" Hole 0- 128.5'</p> <p>6.128" Hole 128.5'- 200'</p>
20	50	gray green clay	Press. Grout 100'- 0'	
50	120	grey sandy clay	7" OD PVC +1.5'- 128.5'	
120	175	hard grey clay	4.2" Casing 100'- 160'	
175	200	white sand	4.2" Screen 160'- 200'	
175	200	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 & pitless adapter  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. Duff (Seal), Date 6/6/02 License No. 2705-046112  
 (Well Driller or Authorized Person)