

WATER WELL COMPLETION REPORT

(Certificate of Completion)



County/City **Stafford**
Owner **Pamela Butler**
Well Designation of #
Address **1208 Fox Run Place**
Woodbridge, VA
Phone **703-491-4458**

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

PWS/ID # **SWP-00-23**
Tax Map ID # **49C-1-1-3**
Subdivision **Marlborough**
Section/Block
Lot/GPIN # **Lot 3**
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 **09-23-02** Date Completed **09-23-02** Type of Rig **Air Rotary**

1. Well Data:

New Rework Deepened

Total Depth **140** ft

Depth to Bedrock **58** ft

Hole size (Also include reamed zones)

10	Inches	0	to	63.5	ft
6.125	Inches	63.5	to	140	ft
	Inches		to		ft

Casing size (ID) and material

6.125 Inches **+1.5** to **63.5** ft

Material **PVC**

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

4.2 Inches **20** to **100** 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 **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

From **63.5** to **0** ft., Type **Bentonite**

From to ft., Type

2. Water Data: Water Temperature

Static water level (unpumped level-measured) **40** 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**

3. Water Zones: From **110** To **140**

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

Pamela Butler

Drillers Log (Use Additional Sheets If Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Remarks (Water, Caving, Cavities, Broken, Core, Shot, Etc.)	Diagram of Well Construction	
From	To				
0	10	Brown Sandy Clay		Not to Scale Press. Grout 63.5' - 0' 7" OD PVC +1.5' - 63.5' 4.2" Casing Front Sheet 4.2" Screen Front Sheet	SCREEN WELL Water Tight Cap 10" Hole 0 - 63.5' 6.125" Hole 63.5' - 140'
10	30	Brown Clay			
30	50	Brown Sand			
50	58	Grey Medium Clay			
58	80	Grey, Green Clay			
80	110	Brown Sand			
110	140	White Sand			
110	140	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 A. Butler
 (Well Driller or Authorized Person)

(Seal), Date 10-11-02

License No. 2705-046112