

WATER WELL COMPLETION REPORT

(Certificate of Completion)



County/City **Stafford County**
 Owner **Thomas J. Worman Building, Inc**
 Well Designation of #
 Address **PO Box 120**
Fredericksburg, VA 22404

 Phone **561-1513**

PWSID # **W-03-06**
 Tax Map ID # **43-35-1**
 Subdivision **Holly Run Estates**
 Section/Block
 Lot/GPIN # **Lot 1**
 Long/Lat
 Class/Well **III-B**

Drilling Contractor **Artesian Water Wells, Inc.**
 Address **11412 Gordon Road**
Fredericksburg, VA 22407
 Phone **(540) 785-8183**

Date Started **03-11-03** Date Completed **03-11-03** Type of Rig **air rotary**

1. Well Data:

New Rework Deepened

Total Depth **500'**

Depth to Bedrock **52'**

Well size (Also include reamed zones)

10 inches **0'** to **62.5'** ft
6.125 inches **62.5'** to **500'** ft
 inches to ft

Casing size (ID) and material

6.25 inches **+1.5'** to **62.5'** ft
 Material **pvc**
 Wt. per ft **3.433** or wall thickness **.250** in
 inches to ft
 Material
 Wt. per ft or wall thickness in
 inches to ft
 Material
 Wt. per ft or wall thickness in

Screen size and mesh for each zone (where applicable)

inches to ft
 Mesh size Type
 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 **62.5'** 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 **2.5** gpm after **1** hours
 Natural Flow?: Yes No Flow rate gpm

Comment on Quality

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

Driller's Log (Use 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	REG. WELL
From	To				Water Tight Cap
0'	13'	tan clay			10' Hole 0'-62.5'
13'	34'	red clay			
34'	52'	blue clay w/ mica			
52'	71'	grey & white medium rock			
71'	216'	grey hard rock			
216'	318'	grey, white, orange hard rock			
318'	427'	grey white pink hard rock			
427'	500'	grey white hard rock			
160'	180'	water @ 2.6 gpm			
				7" OD PVC +1.5'-62.5'	
					6.125" Hole 62.5'-500'

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 H. Duff (Seal), Date 03-25-03 License No. 2705-048112
 (Well Driller or Authorized Person)