

WELL COMPLETION REPORT

(Certificate of Completion)



Warrenton County

Owner Thomas J. Worman Building, In

Well Designation of # Old Creekside, Lot 13A

Address P O Box 120
Fredericksburg, VA 22404

Phone 540-361-1513

PWS/ID # W-02-513

Tax Map ID # 48-13A

Subdivision Old Creekside

Section/Block _____

Lot/GPIN # Lot 13A

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 02-05-03 **Date Completed** 02-05-03 **Type of Rig** air rotary

1. Well Data:

New **Rework** **Deepened**

Total Depth 100'

Depth to Bedrock 40'

Hole size (Also include reamed zones)

10 inches 0' to 58.5' ft
6.125 inches 58.5' to 100' ft
 _____ inches _____ to _____ ft

Gravel Pack

Size _____ **From** _____ **to** _____ **ft**
 _____ **From** _____ **to** _____ **ft**

Grout

Fro 58.5' **to** 0' **ft.**, **Type** bentonite
 _____ **to** _____ **ft.**, **Type** _____

Casing size (ID) and material

6.25 inches +1.5' to 58.5' ft
Material pvc
Wt. per ft 3.433 or wall thickness .250 in
4.0 inches 20' to 60' ft
Material pvc
Wt. per ft 2.084 or wall thickness .237 in
 _____ inches _____ to _____ ft
Material _____
Wt. per ft _____ or wall thickness _____ in

2. Water Data: Water Temperature

Static water level (unpumped level-measured) 45' 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 80' to 100' 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** _____

Screen size and mesh for each zone (where applicable)

4.0 inches 60' to 100' ft
Mesh size .020 **Type** pvc
 _____ inches _____ to _____ ft
Mesh size _____ **Type** _____
 _____ inches _____ to _____ ft
Mesh size _____ **Type** _____
 _____ inches _____ to _____ ft
Mesh size _____ **Type** _____

(Please Print or Type) (If Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Diagram of Well Construction Not to Scale	SCREEN WELL	
From	To	Remarks (Water, Vaving, Vacities, Broken, Core, Shot, Etc.)		Water Tight Cap	
0'	30'	brown sandy clay		10' Hole 0'-58.5'	
30'	40'	black sand		Press. Grout 58.5'-0'	
40'	80'	grey green clay		7"OD PVC +1.5'-58.5'	
80'	100'	white sand		4.2" Casing Front Sheet	6.125" Hole 58.5'-100'
				4.2" Screen Front Sheet	
80'	100'	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 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 Duff (Seal), Date 02-20-03 License No. 2705-046112
 (Well Driller or Authorized Person)