

WATER WELL COMPLETION REPORT

(Certificate of Completion)



County/City **Stafford County**

Owner **Piccard Bldg & Development**

Well Designation of #

Address **1300 Piccard Dr., Suite 205**

Rockville, MD 20850

Phone **703-926-1169**

PWS/ID # **SWP-02-846**

Tax Map ID # **36B-59**

Subdivision **The Willows**

Section/Block

Lot/GPIN #

Long/Lat **Lot 59 Site 859-M**

Class/Well **III-B**

Drilling Contractor **Artesian Water Wells, Inc.**

Address **11412 Gordon Road**

Fredericksburg, VA 22407

Phone **(540) 785-8163**

Date Started **4-25-03**

Date Completed **4-28-03**

Type of Rig **air rotary**

1. Well Data:

New Rework Deepened

Total Depth **540'**

Depth to Bedrock **40'**

Hole size (Also include reamed zones)

10 inches **0'** to **58.5'** ft

6.125 inches **58.5'** to **540'** ft

inches to ft

Gravel Pack

Size From to ft

Size From to ft

Grout

From **58.5'** to **0'** ft, Type **bentonite**

From 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 **40'** to **540'** ft

Material **pvc - staggered**

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 **120'** to **520'** ft

Mesh size **.020** Type **pvc staggered**

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) **40'** ft

Stabilized measured pumping water level ft

Stabilized yield **12** gpm after **1** hours

Natural Flow?: Yes No Flow rate gpm

Comment on Quality

3. Water Zones: From **320'** to **321'** ft From **510'**

to **515'** 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

Owner Piccard Building & Development

7. Driller's Log (Use Additional Sheets 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.)		
0'	5'	brown dirt		Water Tight Cap
5'	15'	red clay		10' Hole
15'	30'	mica		0'-58.5'
30'	40'	soft brown rock		
40'	540'	brown white grey sedimentary rock		
510'	515'	water @ 12 gpm		6.125" Hole
				58.5'-540'

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 Campbell cap L5W614V 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

Walter J. Smith

(Seal), Date

5-2-03

License No. 2705-046112

(Well Driller or Authorized Person)