

WATER WELL COMPLETION REPORT

(Certificate of Completion)



Owner **Winford**
Owner **Sandra Williams**
Well Designation of # _____
Address **308 Yount Street**

Washington, DC 20336
Phone **202-563-6220**

PWS/ID # **SWP-01-446**
Tax Map ID # **41D-18**
Subdivision **Brooke Ridge**
Section/Block _____
Lot/GPIN # **Lot 18**
Long/Lat _____
Class/Well **IIIB**

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

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

Date Started **06-06-02** Date Completed **06-06-02** Type of Rig **Air Rotary**

1. Well Data:

New Rework Deepened

Total Depth **220** ft
Depth to Bedrock **160** ft
Hole size (Also include reamed zones)

10	Inches	0	to	168.5	ft
6.125	Inches	168.5	to	220	ft
	Inches		to		ft

Gravel Pack
Size _____ From _____ to _____ ft
Size _____ From _____ to _____ ft
Grout
From **80** to **0** ft., Type **Bentonite**
From **168.5** to **80** ft., Type **Backfill**

Casing size (ID) and material
6.125 inches **+1.5** to **168.5** ft
Material **PVC**
Wt. per ft **4.460** or wall thickness **.329** in
4.2 inches **120** to **180** ft
Material **PVC**
Wt. per ft **2.788** or wall thickness **.291** in
_____ inches _____ to _____ ft
Material _____
Wt. per ft _____ or wall thickness _____ in

2. Water Data: Water Temperature
Static water level (unpumped level-measured) **75** 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 **195** To **220**
From _____ To _____ From _____ To _____

4. Pump Data: Type _____ Rated H.P. _____
Intake depth _____ Capacity _____ at _____ TD head
Model No. _____

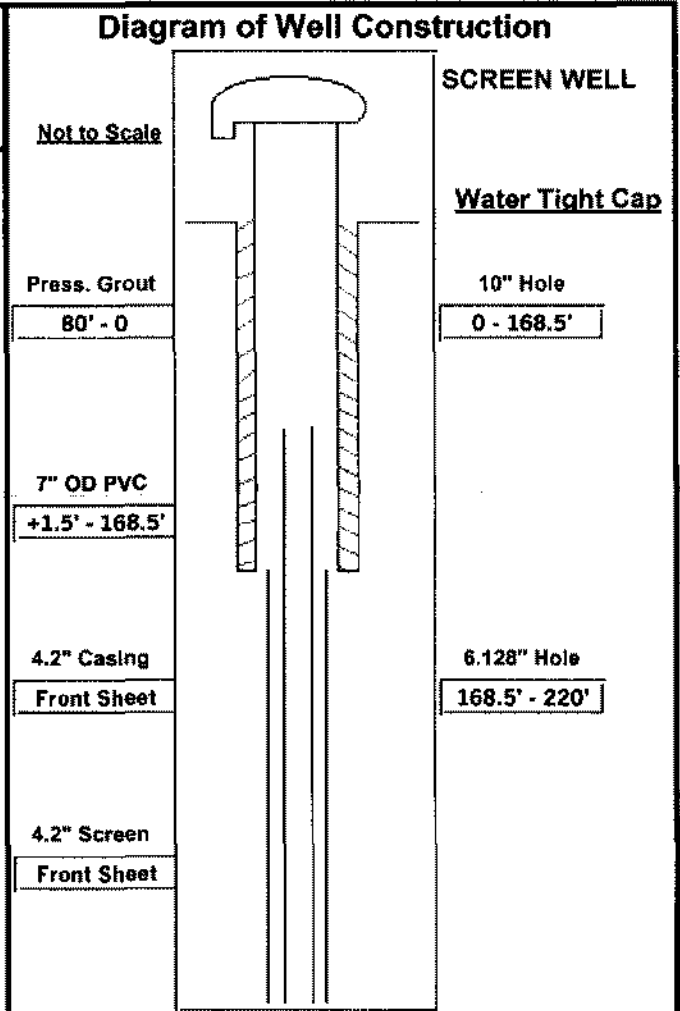
Screen size and mesh for each zone (where applicable)
4.2 inches **180** to **220** ft
Mesh size **.020** Type **PVC**
_____ inches _____ to _____ ft
Mesh size _____ Type _____
_____ inches _____ to _____ ft
Mesh size _____ Type _____
_____ inches _____ to _____ ft
Mesh size _____ Type _____

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

Additional Sheets If Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)	Remarks (Water, Caving, Cavities, Broken, Core, Shot, Etc.)
From	To		
0	20	Brown Sandy Clay	
20	55	Grey Brown Clay	
55	160	Grey Sandy Clay w/ Shells	
160	190	Grey Green Clay	
190	220	White Brown Sand	
195	220	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 D. Siff (Seal), Date 06-20-02 License No. 2705-046112
 (Well Driller or Authorized Person)