

WATER WELL COMPLETION REPORT (Certificate of Completion)



Owner **Stafford**
 Owner **Richmond Am. Homes**
 Designation of # _____
 Address **3701 Pender Drive**

Fairfax, VA 22030
 Phone **703.352.0800**

PWS/ID # **SWP-01-316**
 Tax Map ID # **40B-7**
 Subdivision **Poplar Hills**
 Section/Block _____
 Lot/GPIN # **Lot 7**
 Long/Lat _____
 Class/Well **III B**

40B-1-7

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 **11.30.01** Date Completed **11.30.01** Type of Rig **Air Rotary**

1. Well Data:

New Rework Deepened

Total Depth **140** ft
 Depth to Bedrock **70** ft
 Hole size (Also include reamed zones)

10 inches	0	to	88.5 ft
6.125 inches	88.5	to	140 ft
_____ inches	_____	to	_____ ft

Gravel Pack
 Size _____ From _____ to _____ ft
 Size _____ From _____ to _____ ft

Grout
 From **70** to **0** ft., Type **Bentonite**
 From **88.5** to **70** ft., Type **Cave-In**

Casing size (ID) and material

6.25 inches	+1.5	to	88.5 ft
Material	PVC		
Wt. per ft	3.497	or wall thickness	.250 in
4.2 inches	80	to	100 ft
Material	PVC		
Wt. per ft	2.785	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) **60** 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 _____ head
 Model No. _____

Screen size and mesh for each zone (where applicable)

4.5 inches	100	to	140 ft
Mesh size	.020	Type	PVC
_____ inches	_____	to	_____ ft
Mesh size	_____	Type	_____
_____ inches	_____	to	_____ ft
Mesh size	_____	Type	_____

5. Disinfection: Well disinfected? Yes No
 Date _____ Disinfectant used _____
 Amount _____ Hours used _____

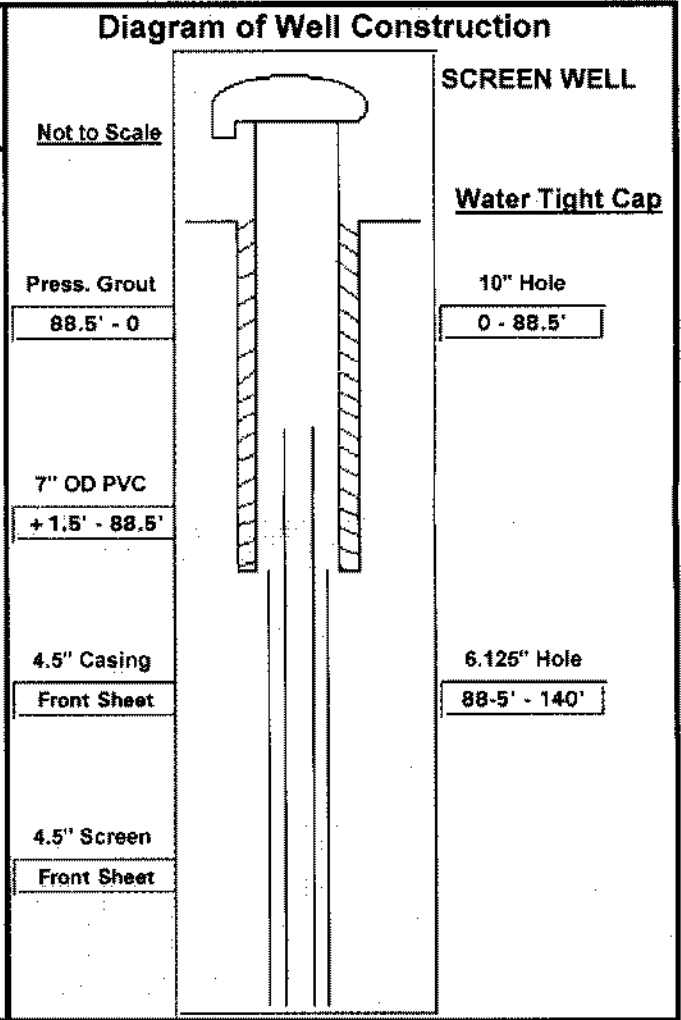
6. Abandonment: Date _____ Casing pulled _____
 Chlorinated well (explain method) _____

Plugging grout From _____ to _____ material

American Homes

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.)
From	To		
0	10	Brown Sandy Clay	
10	20	Pea Gravel and Sand	
20	70	Tan Sandy Clay	
70	110	Green-Grey Hard Clay	
110	140	Tan Water 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 Insustry
 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. Duff (Seal), Date 12.5.01 License No. 2705-046112
 (Well Driller or Authorized Person)