

WATER WELL COMPLETION REPORT

(Certificate of Completion)



County/City **Stafford**
Owner **Richmond American Homes**
Well Designation of #
Address **3701 Pender Drive**
Fairfax, VA 22030
Phone **703-283-8541**

Drilling Contractor **Artisan Water Wells, Inc**
Address **11417 Gordon Road**
Frederickburg, VA 22407
Phone **(540) 785-8163**

PWS/ID # **SWP-01-624**
Tax Map ID # **40B-36**
Subdivision **Poplar Hills**
Section/Block
Lot/GPIN # **Lot 36**
Long/Lat
Class/Well **RIB**

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

Date Started **03-28-02** Date Completed **03-28-02** Type of Rig **Air Rotary**

1. Well Data:

New Rework Deepened

Total Depth **180** ft
Depth to Bedrock **88.5** ft
Hole size (Also include reamed zones)
10 inches **0** to **88.5** ft
6.125 inches **88.5** to **180** ft

Gravel Pack
Size From to ft
Size From to ft
Grout
From **88.5** to **0** ft. Type **Santonite**
From to ft. Type

Casing size (ID) and material
6.25 inches **<1.5** to **88.5** ft
Material **PVC**
Wt. per ft **3.481** or wall thickness **.260** in
4.2 inches **120** to **140** 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) **85** 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**

Screen size and mesh for each zone (where applicable)
4.2 inches **140** to **180** ft
Mesh size **.020** Type **PVC**
inches to ft
Mesh size Type
inches to ft
Mesh size Type
inches to ft
Mesh size Type

3. Water Zones: From **180** To **180**
From To From To
4. Pump Data: Type Rated H.P.
Intake depth Capacity at head
Model No.

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

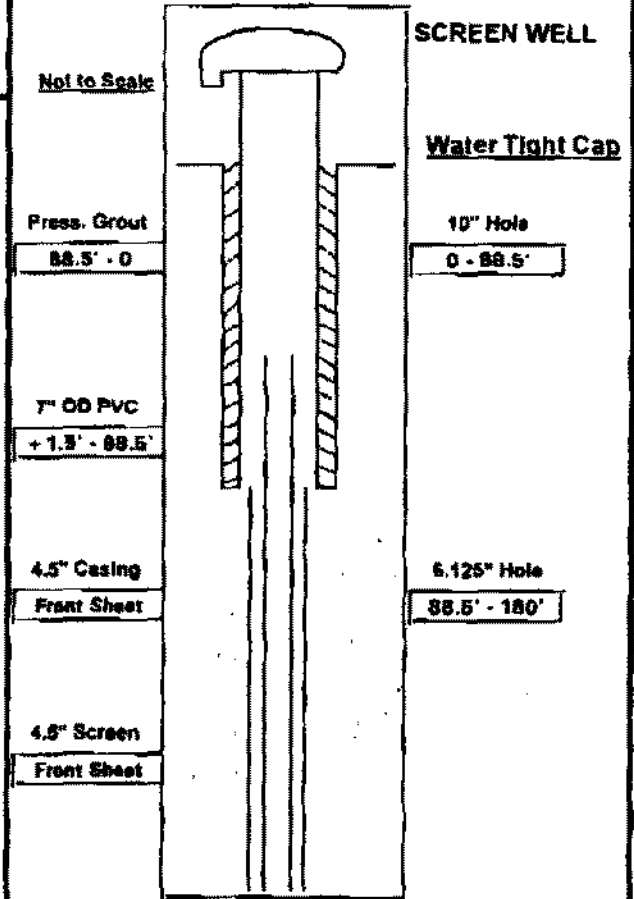
6. Abandonment: Date Casing pulled?
Chlorinated well (explain method)
Plugging grout From to material

Owner Richmond Homes

7. Drillers Log (Use Additional Sheets If Necessary)

Depth (Feet)		Type of Rock or Soil (Color, Material, Fossils, Hardness, Etc.)
From	To	Remarks (Water, Caving, Cavities, Broken, Core, Shot, Etc.)
0	30	Brown Sandy Clay
30	60	Grey Sandy Clay w/Shells
60	160	Brown Grey Clay
160	180	White Sand
180	180	Water @ 30+ GPM

Diagram of Well Construction



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 N. [Signature] (Well Driller or Authorized Person) (Seal), Date 4-10-02 License No. 2705-046112