

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT
 (Certification of Completion/County Permit)

*SWCM No. DWP-01-342

State Water Control Board
 P. O. Box 11143
 111 North Hamilton St.
 Richmond, VA 23230

County/City STAFFORD / STAFFORD

County/City Stamp

SWCB Permit _____
 County Permit _____
 Certification of inspecting official
 This well does _____ does not
 meet code/law requirements.
 S _____
 Date _____
 For office use

* Virginia Plane Coordinates

N
 E
 Latitude & Longitude
 N
 W

* Topo Map No.
 * Elevation ft.
 * Formation
 * Lithology
 * River Basin
 * Province
 * Type Logs DRILLERS
 * Cuttings NO
 * Water Analysis NO
 * Aquifer Test

* Owner **DISON BUILDERS**
 * Well Designation or Number 30322
 Address 5618 D OX RD.
 FAIRFAX, VA 22039-
 Phone (540)786-5419

* Drilling Contractor **KING GEORGE DRIL SVC INC**
 Address 861 NACHOVIA LANE
 COLONIAL BEACH, VA 22443
 Phone (804)224-9130

WELL LOCATION FEET direction of
 and FEET direction of
 (If possible please include map showing location marked)

Date started 02/10/02 * Date completed 02/12/02 Type rig '94 RIG-UNIT 33

Tax Map I.D. No. 48A-II-4
 Subdivision POT. CREEK EST.
 Section II
 Block
 Lot 4
 Class Well IIII

1. WELL DATA:

NEW
 * Total depth 260 ft.
 * Depth to bedrock ft.
 * Hole size (Also include reamed zones)
 * 8 inches from 0 to 50 ft.
 * 7.25 inches from 50 to 195 ft.
 * 3.88 inches from 195 to 260 ft.
 * Casing size (I.D.) and material
 * 4.5 inches from +1 to 195 ft.
 Material PVC SDR17 SCH40
 Wt. per foot or wall thickness in.
 * 2 inches from 197 to 250 ft.
 Material GALVANIZED
 Wt. per foot or wall thickness in.
 * inches from to ft.
 Material PVC SDR17 SCH40
 Wt. per foot or wall thickness in.
 * Screen size and mesh for each zone (where applicable)
 * 2 inches from 150 to 260 ft.
 * Mesh size 15 Type STAINLESS STEEL
 * inches from to ft.
 * Mesh size Type STAINLESS STEEL
 * inches from to ft.
 * Mesh size Type STAINLESS STEEL
 * inches from to ft.
 * Mesh size Type STAINLESS STEEL
 * Gravel Pack
 * From to ft.
 * From to ft.
 * Grout
 * From 0 to 50 ft., Type NEW SEAL
 * From to ft., Type NEW SEAL

2. WATER DATA * Water Temperature ?

* Static water level (unpumped level measured) 28 ft
 * Stabilized measured pumping water level 50 ft
 * Stabilized yield 40 gpm after 4 hours
 Natural Flow NO flow rate gpm
 Comment on quality GOOD

3. WATER ZONES: From 240 To 260 From To
 From To From To
 From To

4. USE DATA:

Type of use: DRINKING

Type of facility: DOMESTIC

5. PUMP DATA: Type GOULDS SUB * Rated HP .75

* Intake depth * Capacity at

6. WELLHEAD: Type well seal WELL CAP

Pressure tank gal., Loc.
 Sample tap NO Measurement port NO
 Well vent NO Pressure relief valve NO
 Gate valve NO Check valve (when required) NO
 Electrical disconnect switch on power supply NO

7. DISINFECTION Well disinfected YES

Date 02/12/02 Disinfectant used CHLORINE
 Amount \$0 Hours used

8. ABANDONMENT (where applicable) * NO

Casing pulled Not Applicable
 Plugging grout 9r to mat

under BISON BUILDERS

BWCH No. **SGP-01-342**

State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals, (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in some parts of the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

10. DRILLERS LOG (Use additional sheets if necessary)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS	Drilling
From	To	(Color, material), fossils, hardness, etc.	(water, caving, cavities, broken, core, shot, etc.)	Time (Min.)
	20	SAND		
	55	GRAY CLAY		
	100	GREEN AND BROWN CLAY		
10	160	SAND AND BROWN CLAY	PASTY SAND	
50	180	GREEN AND BROWN CLAY		
10	215	CLAY	PASTY	
15	220	BLUE SAND	NO WATER	
10	232	CLAY	PASTY	
12	240	GREEN AND BROWN CLAY		
10	260	BLUE SAND	WATERBEARING	

13. Well lot dedicated? **NO** Size ft. **1** ft. Well House? **NO**
 Distance to nearest pollutant source ft., Type
 Distance to nearest property line ft., Building ft.
 14. WATER SERVICE PIPE: Checked under p.s.i. for minutes
 Pipe size inches. Material **BLACK COIL PIPE**
 Installer _____
 Date _____

15. I certify that the information contained herein is true and correct and that this well and/or system has been installed and constructed in accordance with the requirements for well construction as specified in compliance with appropriate county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature *John Shepherd* (Seal) Date 2-12-2002
 Well driller or authorized person
 License No. 2701-083065A

Diagram of well number: 30322

		= Casing () = Hole - - = Screen ! ! = Perforation	
FORMATION DESCRIPTION	DEPTH	COMMENTS	
	+1		Surface
SAND	20	/\ /\ /\	Static Level
GRAY CLAY	55		
GREEN AND BROWN CLAY	100		
SAND AND BROWN CLAY	160		
GREEN AND BROWN CLAY	180		
	195		
CLAY	215		
BLUE SAND	220		
CLAY	232		
GREEN AND BROWN CLAY	240		
	250	-	-
BLUE SAND	260		Completion Drilled To