

Olth. Antarian

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

*BWM No. SMP-99-579

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

Tax Map (I.D. No.)	59-156A
Subdivision	SLEEPY HOLLOW
Section	_____
Block	_____
Lot	156A
Class Well	IIIB

County/City Stamp

- * 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 **GOVERNMENT BUILDERS**
- * Well Designation or Number **30041**
- Address **150 GOLDBRIDE RD**
- FREDERICKSBURG, VA**
- Phone **(540)752-8899**
- * Drilling Contractor **KING GEORGE DALE SVC INC**
- Address **861 MACEDONIA 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 **03/24/00** * Date completed **03/27/00** Type rig ***94 RIG-UNIT 33**

1. WELL DATA:

- * Total depth **265** ft.
- * Depth to bedrock _____ ft.
- * Hole size (Also include reamed zones)
 - * **0** inches from **00000** to **50** ft.
 - * **7.25** inches from **50** to **215** ft.
 - * **3.00** inches from **215** to **265** ft.
- * Casing size (I.D.) and material
 - * **4.5** inches from **+1** to **215** ft.
Material **PVC SDR17 SCH40**
Wt. per foot _____ or wall thickness _____ in.
 - * **2** inches from **215** 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 **250** to **265** 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 **00000** to **50** ft., Type **BEN SEAL**
 - * From _____ to _____ ft., Type **CEMENT**

2. WATER DATA

- * Water Temperature _____ F
- * Static water level (unpumped level measured) **100** ft
- * Stabilized measured pumping water level? **125** ft
- * Stabilized yield **25** gpm after **4** hours
- Natural Flow **NO** flow rate _____ gpm
- Comment on quality **GOOD**

3. WATER ZONES:

From 200	To 265	from _____	To _____
From _____	To _____	from _____	To _____
From _____	To _____	from _____	To _____

4. USE DATA:

Type of use: **DRINKING**

Type of facility: **DOMESTIC**

5. PUMP DATA:

Type **DOMESTIC SUB** * Rated HP **.75**

* Intake depth _____ * Capacity _____ at _____

6. WELLINEAD:

Type well seal **WELL CAP**

Pressure tank _____ gal., LCC.

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. DISINFECTING

Well disinfected **YES**

Date **03/27/00** Disinfectant used **CHLORINE**

Amount **50** Hours used _____

8. ANNOUNCEMENT (where applicable) * **NO**

Casing pulled **Not applicable**

Plugging grout Fr _____ to _____ nat _____

BWCM No. **SF-99-579**

When submitting to the Virginia State Water Control Board information about groundwater and wells for every well intended for water, or any other non-exempt well. This information must be submitted whether the well is standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, data from any aquifer pumping tests, drill cuttings taken at ten foot intervals, (unless exception is secured), one or more 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 localities 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 Time (Min.)
From	To	(Color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, etc.)	
0000	10	DIRT		
10	160	SAND AND SANDSTONE		
160	200	GREEN AND BROWN CLAY		
200	215	SAND		
215	230	BLUE SAND		
230	240	SAND		
240	265	BLUE SAND		

13. Well lot dedicated? NO Size ft. x ft. Well House? NO
 Distance to nearest pollutant source ft., Type **SEPTIC**
 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 Fisher Shepherd (Seal)
 (Well driller or authorized person)

Date 3-27-00

License No. 2701 023065A

representing Charles Smith (driller)

Diagram of well number: 30041

casing () = Hole - - - = Screen ! ! = Perforation
 DESCRIPTION DEPTH COMMENTS

DESCRIPTION	DEPTH	COMMENTS
	+1	
	10	Surface
	100	Static Level
AND SANDSTONE	160	
REEN AND BROWN CLAY	200	
AND	215	
LUE SAND	230	
AND	240	
	250	
LUE SAND	265	Completion
	265	Drilled to