

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

\*BWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

Form GW-2  
1978-10,000

Control Board  
State Box 11143  
11 North Hamilton St.  
Richmond, Va. 23230

County/City Stafford County

County/City Stamp

SWCB Permit _____
County Permit _____
Certification of inspecting official: This well does _____ does not _____ meet code/low 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 _____	
* Cuttings _____	
* Water Analysis _____	
* Aquifer Test _____	

\* Owner Fredrick A. Schatz

\* Well Designation or Number \_\_\_\_\_

Address 8114 Edinburgh Drive  
Springfield, VA. 22153

Phone 455-9816

\* Drilling Contractor Van's Const. Co., Inc.

Address P.O. Box 3306  
Fredericksburg, VA. 22402

Phone 373-7502

SP-86-181

Tax Map I.D. No. 17-45

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot Parcel 45

Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_

II B X, IIIA \_\_\_\_\_, IIIB \_\_\_\_\_

IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
(If possible please include map showing location marked)

Date started 2-16-87 \* Date completed 2-16-87 Type rig Rotary

1. WELL DATA: New X Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

\* Total depth 180 ft.

\* Depth to bedrock 64 ft.

\* Hole size (Also include reamed zones)

• 11 inches from 0 to 74 ft.

• 6 inches from 74 to 180 ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

\* Casing size (I.D.) and material

• 6 inches from 0 to 74 ft.  
Material steel  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

\* Screen size and mesh for each zone (where applicable)

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Mesh size \_\_\_\_\_ Type \_\_\_\_\_

\* Gravel pack

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

\* Grout

• From 0 to 50 ft. Type neat

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA \* Water temperature \_\_\_\_\_ °F

\* Static water level (unpumped level-measured) 60 ft.

\* Stabilized measured pumping water level \_\_\_\_\_ ft.

\* Stabilized yield 15 gpm after 2 hours

Natural Flow: Yes \_\_\_\_\_ No X, flow rate \_\_\_\_\_ gpm

Comment on quality clear

3. WATER ZONES: From 110 To 113

From 115 To 130 From 138 To 145

From 160 To 165 From 175 To 180

4. USE DATA:

Type of use: Drinking X, Livestock Watering \_\_\_\_\_

Irrigation \_\_\_\_\_, Food processing \_\_\_\_\_, Household X

Manufacturing \_\_\_\_\_, Fire safety \_\_\_\_\_, Cleaning \_\_\_\_\_

Recreation \_\_\_\_\_, Aesthetic \_\_\_\_\_, Cooling or heating \_\_\_\_\_

Injection \_\_\_\_\_, Other \_\_\_\_\_

\* Type of facility: Domestic X, Public water supply \_\_\_\_\_

Public institution \_\_\_\_\_, Farm \_\_\_\_\_, Industry \_\_\_\_\_

Commercial \_\_\_\_\_, Other \_\_\_\_\_

5. PUMP DATA: Type sub. \* Rated H.P. 1/2

\* Intake depth 160 Capacity 10 at 250 head

6. WELLHEAD: Type well seal pitless

Pressure tank 42 gal., Loc. house

Sample tap X, Measurement port X

Well vent X, Pressure relief valve X

Gate valve X, Check valve (when required) X

Electrical disconnect switch on power supply X

7. DISINFECTION: Well disinfected X yes \_\_\_\_\_ no \_\_\_\_\_

Date 3-9-87, Disinfectant used chl. tabl.

Amount \_\_\_\_\_, Hours used \_\_\_\_\_

8. ABANDONMENT (where applicable) \* yes \_\_\_\_\_ no \_\_\_\_\_

Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_

Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

Owner \_\_\_\_\_

BWM No. \_\_\_\_\_

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in 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 (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To			
0	20	clay	lt. brown	
20	65	clay	dr. brown-red	
65	74	clay, rock		
74	80	soft, mx. rock		
80	90	soft rock		
90	110	rock w/voids		
110	118	broken rock		
118	130	soft rock	w/voids	
130	138	bed rock		
138	145	broken rock	red	
145	180	soft rock	w/voids	

13. Well for dedicated? \_\_\_\_\_; Size \_\_\_\_\_ ft. X \_\_\_\_\_ ft.; Well house? \_\_\_\_\_  
 Distance to nearest pollutant source \_\_\_\_\_ ft. Type \_\_\_\_\_  
 Distance to nearest property line \_\_\_\_\_ ft. Building \_\_\_\_\_ ft.

14. WATER SERVICE PIPE: Checked under \_\_\_\_\_ 60 \_\_\_\_\_ p.s.i. for \_\_\_\_\_ 10 \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ 1 \_\_\_\_\_ inches, Material \_\_\_\_\_ plastic \_\_\_\_\_  
 Installer \_\_\_\_\_ Van's Const. Co., Inc. \_\_\_\_\_  
 Date \_\_\_\_\_ 3-9-87 \_\_\_\_\_

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.

State Water Control Board Regional Offices

Valley Reg. Off.  
 116 North Main Street  
 P. O. Box 268  
 Bridgewater, Va. 22812  
 703-828-2595

Piedmont Reg. Off.  
 4010 West Broad Street  
 P. O. Box 6616  
 Richmond, Va. 23230  
 804-257-1006

Southwest Reg. Off.  
 408 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24210  
 703-628-5183

Tidewater Reg. Off.  
 287 Pembroke Office Park  
 Suite 310 Pembroke No. 2  
 Va. Beach, Va. 23462  
 804-499-8742

West Central Reg. Off.  
 Executive Park  
 5312 Peters Creek Road  
 Roanoke, Va. 24019  
 703-982-7432

Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111

Signature Sue Shelcutt (Seal, Date) 3-11-87  
 (Well driller or authorized person) License No. \_\_\_\_\_