

# COMMONWEALTH OF VIRGINIA WATER WELL COMPLETION REPORT

BWCM No. 189-88-331

(Certification of Completion/County Permit)

28-16A

State Water Control Board  
P. O. Box 11143  
2111 North Hamilton St.  
Richmond, Va. 23230

County/City Stafford

County/City Stamp

BWCM Permit	_____
County Permit	_____
Certification of inspecting official: This well does _____ does not _____ meet code/low requirements.	
S.	_____
Date	_____
For Office Use	

Virginia Plans Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

Topo. Map No. \_\_\_\_\_

Elevation \_\_\_\_\_ ft.

Formation \_\_\_\_\_

Lithology \_\_\_\_\_

River Basin \_\_\_\_\_

Provinces \_\_\_\_\_

Type Logs \_\_\_\_\_

Cuttings \_\_\_\_\_

Water Analysis \_\_\_\_\_

Aquifer Test \_\_\_\_\_

Owner Glenwood Const. Co. Inc.

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

Address P.O. Box 26  
Charlottesville, Va 22463

Phone 703-659-7571

Drilling Contractor Water Wells, Inc.

Address P.O. Box 491  
Mineral, Va 23117

Phone 894-5461

Tax Map I.D. No. \_\_\_\_\_

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

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

IIA \_\_\_\_\_, IIIA \_\_\_\_\_, IIIB \_\_\_\_\_

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

WELL LOCATION: \_\_\_\_\_ (feet/miles) direction of S22W, 820P. to E95, L: 630  
and \_\_\_\_\_ (feet/miles) (direction) of L648, L657, 40 yds. on B  
(If possible please include map showing location marked)

Date started 2/16/89 • Date completed 2/27/89 Type Air Rotary

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

• Total depth 225 ft.

• Depth to bedrock 61 ft.

• Hole size (Also include reamed zones)

• 10 inches from 0 to 24 ft.

• 3 1/2 inches from 24 to 61 ft.

• 6 1/2 inches from 61 to 225 ft.

• Casing size (I.D.) and material

• 6 1/2 inches from +1 to 61 ft.

Material PVC

Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 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 20 ft., Type pooured

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

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_

• Static water level (unpumped level-measured) 20 ft.

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

• Stabilized yield \_\_\_\_\_ gpm after \_\_\_\_\_ hour(s)

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

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 125 To 126

From 185 To 186 From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

4. 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 \_\_\_\_\_

5. PUMP DATA: Type \_\_\_\_\_ • Rated H.P. \_\_\_\_\_

• Intake depth \_\_\_\_\_ • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal \_\_\_\_\_

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 \_\_\_\_\_

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

Date \_\_\_\_\_, Disinfectant used \_\_\_\_\_

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

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

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

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

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made 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. DAILERS LOG (use additional sheets if necessary)

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DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	15	red clay		
15	61	brown shale		
61	225	blue granite	Water zones 125'-126' 185'-186'	

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 \_\_\_\_\_ p.s.i. for \_\_\_\_\_ minutes. Pipe size \_\_\_\_\_ inches, Material \_\_\_\_\_  
 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.

State Water Control Board Regional Offices

Valley Reg. Off.  
 116 North Main Street  
 P. O. Box 266  
 Bridgewater, Va. 22812  
 703-828-2599

Piedmont Reg. Off.  
 4010 West Broad Street  
 P. O. Box 6618  
 Richmond, Va. 23230  
 804-257-1806

Southwest Reg. Off.  
 468 East Main Street  
 P. O. Box 476  
 Abingdon, Va. 24216  
 703-638-5183

Tidewater Reg. Off.  
 287 Pembroke Office Park  
 Suite 310 Pembroke No. 2  
 Va. Beach, Va. 23462  
 804-699-8742

West Central Reg. Off.  
 Executive Park  
 5512 Peters Creek Road  
 Roanoke, Va. 24019  
 703-682-7652

Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22313  
 703-750-9111

Signature Robert R. Raley (Seal) Date 3/8/89  
 (Well driller or authorized person) License No. \_\_\_\_\_