

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

• BWCM No. \_\_\_\_\_

39A-6

Control Board  
 1143  
 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 _____
<i>For Office Use</i>

• 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 Castle Builders/Bob Morissey

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

Address 4709 Pinecrest Court  
Dumfries, VA. 22026

Phone \_\_\_\_\_

• Drilling Contractor Van's Const. Co., Inc.

Address P.O. Box 3306  
Fredericksburg, VA. 22405

Phone 373-7502

Tax Map I.D. No. _____
Subdivision <u>Abel Lake Forest</u>
Section _____
Block _____
Lot <u>6</u>
Class Well: I _____, IIA _____
IIA _____, IIB _____, IIC _____
IID _____, IIE _____

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

Date started 11-17-88 • Date completed 11-21-88 Type rig Rotary

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

• Total depth 455 ft.

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

• 11 inches from 0 to 85 ft.

• 6 inches from 85 to 455 ft.

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

• Casing size (I.D.) and material

• 6 inches from 0 to 85 ft.

Material steel

Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• 4 inches from 30 to 410 ft.

Material steel

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 neat

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

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

• Static water level (unpumped level-measured) 30 ft.

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

• Stabilized yield 4 gpm after 2 hours

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

Comment on quality clear

3. WATER ZONES: From 100 to 105

From 305 To 310 From 375 To 380

From 450 To 455 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 sub • Rated H.P. 1

• Intake depth 378 • Capacity 5 at 468 head

6. WELLHEAD: Type well seal pitless

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 2-15-89 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 \_\_\_\_\_

8118  
150 C OLDE GREENW

9. State law requires 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 completed, on stand-by, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pump-out test, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))	11. Drilling Time (Min.)
From	To			
0	75	clay		
75	85	rock soft brown		
85	455	<del>soft</del> granite, soft graphite w/voids		

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

13. Well lot 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 \_\_\_\_\_ 2-15-89

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  
703-628-2595

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 Shelnett (Seal), Date \_\_\_\_\_ 2-20-89  
 License No. \_\_\_\_\_