

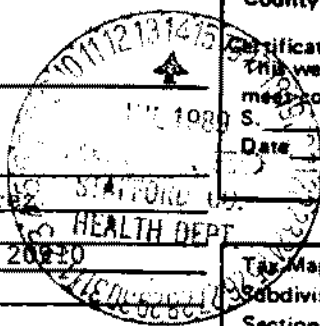
**COMMONWEALTH OF VIRGINIA**  
**WATER WELL COMPLETION REPORT**  
 (Certification of Completion/County Permit)

• BWCM No. \_\_\_\_\_  
 37A-11

Hamilton St.  
 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.  
 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 Walker Construction  
 • Well Designation or Number Joe Almandar  
 Address 9711 Glen Avenue  
Silver Spring, Maryland 20910  
 Phone \_\_\_\_\_  
 • Drilling Contractor Van's Const. Co., Inc.  
 Address P.O. Box 3306  
Fredericksburg, VA. 22402  
 Phone 373-7502

Map I.D. No. \_\_\_\_\_  
 Subdivision Abel Lake Forest  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 11  
 Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB 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 4-27-89 • Date completed 4-28-89 Type rig Rotary

1. WELL DATA: New X Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 • Total depth 368 ft.  
 • Depth to bedrock \_\_\_\_\_ ft.  
 • Hole size (Also include reamed zones)  
 • 10 inches from 0 to 120 ft.  
 • 6 inches from 120 to 368 ft.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Casing size (I.D.) and material  
 • 6 inches from 0 to 120 ft.  
 Material steel  
 Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
 • 4 inches from 105 to 368 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 50 to 0 ft. Type neat  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
 • Static water level (unpumped level-measured) 80 ft.  
 • Stabilized measured pumping water level \_\_\_\_\_ ft.  
 • Stabilized yield 60 gpm after 2 hours  
 Natural Flow: Yes \_\_\_\_\_ No X, flow rate: \_\_\_\_\_ gpm  
 Comment on quality clear  
 3. WATER ZONES: From 260 To 265  
 From 320 To 325 From 330 To 340  
 From 350 To 368 From \_\_\_\_\_ To \_\_\_\_\_  
 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. 3/4  
 • Intake depth 200 • Capacity 5 at 290 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 5-26-89 Disinfectant used chl. tabl.  
 Amount \_\_\_\_\_ Hours used \_\_\_\_\_  
 8. ABANDONMENT (where applicable) • yes \_\_\_\_\_ no \_\_\_\_\_  
 Casing pulled yes \_\_\_\_\_ no \_\_\_\_\_ not applicable \_\_\_\_\_  
 Plugging grout From \_\_\_\_\_ to \_\_\_\_\_ material \_\_\_\_\_

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. Frequency, 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)

10. DRILLERS LOG (use additional Sheets if necessary)			11.	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS (water, caving, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To	(color, material, fossils, hardness, etc.)		
0	60	clay, mica		
60	80	clay, mica		
80	100	shale		
100	110	shale		
110	120	rock		
120	130	rock		
130	200	black shale		
200	220	black shale		
220	260	black shale, sandstone		
260	280	rock		
280	300	rock		
300	320	rock, flint		
320	340	rock, flint		
340	368	rock, flint, schist		

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.f. for 10 minutes. Pipe size 1 inches, Material plastic  
 Installer Van's Construction Co., Inc.  
 Date 5-26-89

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.

Signature [Signature] (Seal), Date 6-13-89  
 [Well driller or authorized person] License No. \_\_\_\_\_

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  
 703-828-5183

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