

*1000' in front of  
 88 E. River Road  
 Stafford*

COMMONWEALTH OF VIRGINIA  
 WATER WELL COMPLETION REPORT

• BWCN No. \_\_\_\_\_

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

(Certification of Completion/County Permit)

*James Zarembka*  
 88 E. River Road  
 Fredericksburg, Va. 22401  
 T 781-6538  
 F 854-4117

County/City Stafford

County/City Stamp

SWCB Permit \_\_\_\_\_  
 County Permit \_\_\_\_\_  
 Certification of inspecting official  
 This well does \_\_\_\_\_ does not \_\_\_\_\_  
 meet code/low requirements  
 S. \_\_\_\_\_  
 Date \_\_\_\_\_

• Virginia Plane Coordinates  
 N \_\_\_\_\_  
 E \_\_\_\_\_  
 Latitude & Longitude  
 N \_\_\_\_\_  
 W \_\_\_\_\_  
 • Topo. Map No. \_\_\_\_\_  
 • Elevation \_\_\_\_\_ ft.  
 • Formation \_\_\_\_\_  
 • Lithology \_\_\_\_\_  
 • River Basin \_\_\_\_\_  
 • Province \_\_\_\_\_  
 • Type Logs D. L.  
 • Cuttings N. S.  
 • Water Analysis \_\_\_\_\_  
 • Aquifer Test \_\_\_\_\_

• Owner Jack Zarembka  
 • Well Designation or Number \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone \_\_\_\_\_  
 • Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

For Office Use  
 189-87-620 *Stafford*  
 Tax Map I.D. No. 48-24 B-G  
 Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 1st G  
 Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
 IIB  IIA \_\_\_\_\_ IIB \_\_\_\_\_  
 IIC \_\_\_\_\_ IID \_\_\_\_\_ IIE \_\_\_\_\_

WELL LOCATION: 1 (feet/miles) N (direction) of Intersection 712 & 600  
 and 1000 (feet/miles) E (direction) of 712  
 (If possible please include map showing location marked)

Date started 9/29/88 • Date completed 9/29/88 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 • Total depth \_\_\_\_\_ ft. 160  
 • Depth to bedrock \_\_\_\_\_ ft.  
 • Hole size (Also include reamed zones)  
 • 7 7/8 inches from +1 to 150 ft.  
 • 4 inches from 150 to 160 ft.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Casing size (I.D.) and material  
 • 4 1/2 inches from +1 to 150 ft.  
 Material PVC Well Casing  
 Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
 • 2 inches from 145 to 160 ft.  
 Material PVC  
 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)  
 • 2 inches from 150 to 160 ft.  
 • Mesh size .020 Type PVC (Commercially Slotted Screen)  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
 • Gravel pack  
 • From 50 to 150 ft. 3/8" washed gravel  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_  
 • Grout  
 • From 0 to 50 ft. Type Neat Cement  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_  
Installed Water tap top  
Suggested selling pump @ approx

approximate drawdown 60 feet.  
 2. WATER DATA • Water temperature \_\_\_\_\_ °F  
 • Static water level (unpumped level-measured) 50 ft.  
 • Stabilized measured pumping water level 110 ft.  
 • Stabilized yield 25 gpm after \_\_\_\_\_ hours  
 Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
 Comment on quality \_\_\_\_\_  
 3. WATER ZONES: From 150 To 159  
 From \_\_\_\_\_ To \_\_\_\_\_ 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 \_\_\_\_\_  
 Pump installed through James Zarembka

OVER

Henry Zarembo  
 Owner Henry Zarembo  
Seaford 912  
 off 605 218

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

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. 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.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
From	To				
0	20	red clay			<p>4 1/2" Water High top</p> <p>Gravel Packed from 150' to 159'</p> <p>151' Casing 4 1/2" I.D. PVC and 15' of 2" PVC including 0.20 Construction Slotted PVC Screen from Approx 150' to 160'</p> <p>Depth 160'</p>
20	70	black sand			
70	140	brown sand			
140	150	grey clay			
150	159	grey sand			
159	160	grey clay			
			Approximate Water Zones 150 to 159		

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.

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

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.

Signature Henry Zarembo (Seal), Date 12/5/88  
 (Well driller or authorized person) License No. \_\_\_\_\_