

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

BWCM No. _____

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
 56-87A

• 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 Kenneth Umbel
 • Well Designation or Number _____
 Address P.O. Box 5208
Fredericksburg, VA. 22403
 Phone 371-7297
 • Drilling Contractor Van's Const. Co., Inc.
 Address P.O. Box 3306
Fredericksburg, VA. 22402
 Phone 373-7502

Tax Map i.d. No. _____
 Subdivision _____
 Section Rt. 690
 Block _____
 Lot _____
 Class Well: I _____, IIA _____
 IIB _____, IIIA X, 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 3-9-87 • Date completed 3-10-87 Type rig Rotary

1. WELL DATA: New X Reworked _____ Deepened _____
 • Total depth 220 ft.
 • Depth to bedrock _____ ft.
 • Hole size (Also include reamed zones)
 • 7 inches from 0 to 200 ft.
 • 3 inches from 200 to 220 ft.
 • _____ inches from _____ to _____ ft.
 • Casing size (I.D.) and material
 • 4 inches from 0 to 200 ft.
 Material steel
 Wt. per foot _____ or wall thickness _____ in.
 • 2 inches from 200 to 220 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)
 • 2 inches from 200 to 220 ft.
 • Mesh size 0.030 Type steel
 • _____ 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 20 to 0 ft. Type neat
 • From _____ to _____ ft. Type _____

2. WATER DATA • Water temperature _____ of _____
 • Static water level (unpumped level-measured) 140 ft.
 • Stabilized measured pumping water level _____ ft.
 • Stabilized yield 35 gpm after 2 hours
 Natural Flow: Yes _____ No X flow rate: _____ gpm
 Comment on quality clear
 3. WATER ZONES: From 205 To 215
 From _____ To _____ From _____ To _____
 From _____ To _____ 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. 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 3-12-87 Disinfectant used chl. tabl.
 Amount _____ Hours used _____
 8. ABANDONMENT (where applicable) • yes _____ no _____
 Casing pulled yes _____ no _____ not applicable _____
 Plugging grout From _____ to _____ material _____

There was no termite treatment used termite shields

OWNER *Kenneth E. Umbel* OVER

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. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, etc.)	
0	5	clay		
5	30	sand		
30	70	clay		
70	105	shells, black sand, mixed		
105	150	clay		
150	170	shell beds		
170	205	clay		
205	215	sand		
215	220	clay		

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 _____ 3-12-87 _____

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
 703-828-5183

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

West Central Reg. Off.
 Executive Park
 5512 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 3-13-82
 (Well driller or authorized person) License No. _____