

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

(Certification of Completion/County Permit)

Water Control Board
P. O. Box 11143
1111 North Hamilton St.
Richmond, Va. 23230

• BWCM No. 1517181920212223

NOV 1986

STAFFORD CO.

SWC Permit _____
County Permit _____
Certification of Inspector Official _____
This well does meet code/low requirements does not
S. _____
Date _____

For Office Use

County/City Stafford

County/City Stamp

* Virginia-Plane Coordinates

N _____
E _____
Latitude & Longitude _____
N _____
W _____

* Topo. Map No. 193A

* Elevation _____ ft.

* Formation _____

* Lithology _____

River Basin _____

Province _____

Type Logs D. L.

Cuttings N. A.

Water Analysis _____

Aquifer Test _____

* Owner Herbert Zelenky

* Well Designation or Number _____

Address P.O. Box 15034
Alexandria, Va 22309

Phone 780-7300

* Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive
Fredericksburg, Virginia 22401

Phone (703) 898-6025

50-86-217 34-56
Tax Map I.D. No. 25A-71
Subdivision Nantlake, RCT
Section _____
Block _____
Lot 71
Class Well: I _____, IIA _____
IIB _____, IIA , IIIB _____
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and 1 _____/miles N (direction) of 691 + Nantlake Drive
(If possible please include map showing location marked)

Date started 10-31-86 • Date completed 11-1-86 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

* Total depth 180 ft.
* Depth to bedrock 69 ft.

* Hole size (Also include reamed zones)

- 10 inches from 0 to 69 ft.
- 6 inches from 69 to 180 ft.
- _____ inches from _____ to _____ ft.

* Casing size (I.D.) and material

- 6 1/4 inches from +1 to 69 ft.
Material Blasf Steel
Wt. per foot 13.16 or wall thickness .188 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 Neat Cement 1/2" spc
- From _____ to _____ ft. Type _____

Approximate Drawdown 50 feet.

2. WATER DATA • Water temperature _____ of _____

- Static water level (unpumped level-measured) 50 ft.
- Stabilized measured pumping water level 100 ft.
- Stabilized yield 8 gpm after 1 hours

Natural Flow: Yes _____ No flow rate: _____ gpm

Comment on quality _____

3. WATER ZONES: From 152 To 154

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 _____

Suggest setting pump @ approx 160' OVER
(Isolated Water Tight Cap)

Owner Herbert Zelenak
Navlake Estates # 71

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made or 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, 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Red Clay	
10	50	Red micaceous formation	
50	69	Brown mica	
69	180	Blue Granite	

Approximate
Water Zones
152-154

11.

Drilling
Time
(Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

+ 1 ft.

Wat
tig
K top

90
Grout:
pump

70
Cas:

Dept.
180 ft

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 _____ p.s.f. 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 Anna T. Paulson (Seal), Date 11/10/84
 (Well driller or authorized person)

Licens

State Water Control Board Regional Offices

Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22612
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
703-982-7452

Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111