

1978-1980

WATER WELL COMPLETION

(Certification of Completion/County Permit)

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

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

For Office Use

- Virginia Plane Coordinates
 - N
 - E
 - Latitude & Longitude
 - N
 - W
- Topo Map No. 182D
- Elevation ft.
- Formation
- Lithology
- River Basin
- Province
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis
- Aquifer Test

• Owner Bob Greenland

• Well Designation or Number

Address 10419 Buffalo Drive
Richmond, Va. 23233

Phone H 4-804-741-9130
W 1-804-552-3429

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

Address 4616 Hood Drive
Fredericksburg, Virginia 22408

Phone (703) 898-6025

Tax Map I.D. No. 49C2-20A

Subdivision

Section

Block

Lot

Class Well: I IIA

IIIB IIIA IIIB

IIIC IIID IIIF

WELL LOCATION: 1/4 (feet/miles) S (direction) of Intersection of 608 & 609

and 100 (feet/miles) S (direction) of #621

(If possible please include map showing location marked)

Date started 3/13/92 • Date completed 3/17/92 Type rig Air Rotary

Near End of Marlboro Point
644 Marlborough
Point Road

- WELL DATA: New Reworked Deepened
- Total depth 150 ft.
 - Depth to bedrock ft.
 - Hole size (Also include reamed zones)
 - 10 inches from 0 to 50 ft.
 - 8 inches from 50 to 100 ft.
 - 6 inches from 100 to 150 ft.
 - Casing size (I.D.) and material
 - 6 1/4 inches from +1 to 80 ft.
Material P.V.C.
 - 6 1/8 inches from 80 to 100 ft.
Material P.V.C.
 - 4 inches from 90 to 130 ft.
Material P.V.C.
 - inches from to ft.
Material
 - Screen size and mesh for each zone (where applicable)
 - 4 inches from 130 to 150 ft.
 - Mesh size 0.20 Type P.V.C.
 - 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 50' ft. Type Pressure Grouting
 - From to ft. Type Neat Cement
 - From to ft. Type

- Approximate Drawdown 30 feet.
2. WATER DATA • Water temperature
- Static water level (unpumped level measured) 40
 - Stabilized measured pumping water level 80
 - Stabilized yield 30 gpm after 1 hour
 - Natural Flow: Yes No flow rate g p
 - Comment on quality
3. WATER ZONES: From 130 To 145
- 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 120' • Capacity 136 P.M. at 120' head
6. WELLHEAD: Type well seal
- Pressure tank 44 gal. Loc. Garage
 - 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 3-25-92 Disinfectant used HTH
- Amount 1lb Hours used 24+
8. ABANDONMENT (where applicable) • yes no
- Casing pulled yes no not applicable
 - Plugging grout From to material
 - Pump installed through
- Installed watertight top
drilled setting
well pumped 15 G.P.M. @ approx 80'
OVER 3/19/92 Casing telescopes to 4" @ approx 90'
drilled keeping logs at bottom
& central hole of H.P. casing

Owner

BVCM

Stafford 621
Marlboro Point Rd.

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)

| DEPTH (feet) | | TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.) | REMARKS (water, caving, cavities, broken, core, shot, [etc.]) |
|--------------|-----|--|--|
| From | To | | |
| 0 | 20 | Sandy Red Clay | |
| 20 | 70 | Blue Marl | |
| 70 | 85 | Grey Sand & Gravel | |
| 85 | 110 | Brown Clay | |
| 110 | 130 | Grey Sandy Clay | |
| 130 | 145 | Grey Sand | |
| 145 | 150 | Grey Clay | |



approximate water zones
130 to 145

11. Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

Not to Scale

+ L ft.

Water tight top

50' Groutin

101 ft. casing

6 1/4" I.D. P.V. from +1' to and thicker 6 1/8" from 80' to 100 ft.

Plus 4" P.V.C. Well Casing from approx 90' to 150' including 4" P.V.C. Screen (.020) from approx 130' to 150' depth.

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.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 Casey N. Daneshmand (Seal), Date 3/28/92
 (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
703-828-2495

Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183

West Central Reg. Off.
Executive Park
5312 Peters Creek Road
Rampoke, Va. 24019
703-982-7432

Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6616
Richmond, Va. 23230
804-257-1006

Tidewater Reg. Off.
287 Pembroke Office Park
Suite J10 Pembroke No. 2
Va. Beach, Va. 23462
804-499-8742

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