

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

(Certification of Completion/County Permit)  
*Jimmy Halstead*

County/City Stafford

County/City Stamp

Owner Dennis Milam

Well Designation or Number \_\_\_\_\_

Address 317 Flippo Drive  
Stafford, Va. 22554

Phone 659-0496

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

Address 4516 Hood Drive  
Fredericksburg, Virginia 22408

Phone (703) 898-6025

WELL LOCATION: 1 (feet/miles) South direction of Intersection Wadeswater & Flippo Rd  
 and \_\_\_\_\_ (feet/miles) (direction) of \_\_\_\_\_  
 (If possible please include map showing location marked)

Date started 4/20/92 • Date completed 4/20/92 Type air Rotary

• Virginia Plane Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

• Topo. Map No. 182A

• Elevation \_\_\_\_\_ ft.

• Formation \_\_\_\_\_

• Lithology \_\_\_\_\_

• River Basin \_\_\_\_\_

• Province \_\_\_\_\_

• Type Logs D. L.

• Cuttings N. A.

• Water Analysis \_\_\_\_\_

• Aquifer Test \_\_\_\_\_

SWCB Permit \_\_\_\_\_

County Permit \_\_\_\_\_

Certification of inspecting official:  
 This well does \_\_\_\_\_ does not  
 meet code/low requirements.  
 S. \_\_\_\_\_

Date \_\_\_\_\_

For Office Use

Tax Map I.D. No. 22-200-1

Subdivision Property

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot #1

Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_

IIB \* IIA \_\_\_\_\_ IIB ✓

IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth \_\_\_\_\_ ft. 160

• Depth to bedrock \_\_\_\_\_ ft.

• Hole size (Also include reamed zones)

• 10 inches from \_\_\_\_\_ to 84 ft.

• 68 inches from 84 to 160 ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

• 6 7/8 inches from +1 to 84 ft.

Material P.V.C.

Wt per foot \_\_\_\_\_ or wall thickness SDR 27 in.

• 4 inches from 80 to 140 ft.

Material P.V.C.

Wt per foot \_\_\_\_\_ or wall thickness Schedule 40 in.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

Material \_\_\_\_\_

Wt per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.

• Screen size and mesh for each zone (where applicable)

• 4 inches from 140 to 160 ft.

• Mesh size .020 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 Neat Cement Pressure Grouting 4/30/92

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

Approximate Drawdown 160 feet.

2. WATER DATA • Water temperature \_\_\_\_\_ of

• Static water level (unpumped level-measured) 40 ft

• Stabilized measured pumping water level 100 ft

• Stabilized yield 25 gpm after 1 hours

Natural Flow: Yes \_\_\_\_\_ No ✓ flow rate \_\_\_\_\_ gpm

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 141 To 152

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 \_\_\_\_\_ G.N. # AA037400

5. PUMP DATA: Type Submersible Rated HP \_\_\_\_\_

• Intake depth 120 • Capacity \_\_\_\_\_ at \_\_\_\_\_ head

6. WELLHEAD: Type well seal \_\_\_\_\_

Pressure tank 250 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 \_\_\_\_\_

*Well Pump 15 G.P.M. @ 120' on 4/20/92*  
*for well encounter 4" casing OVER @ approx 120'*  
*stalled water at top suggest setting pump @ approx 120'*  
*Well Pump 15 G.P.M. @ 120' on 4/20/92*  
*for well encounter 4" casing OVER @ approx 120'*  
*Suggest keeping torque wrench & callipers*

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

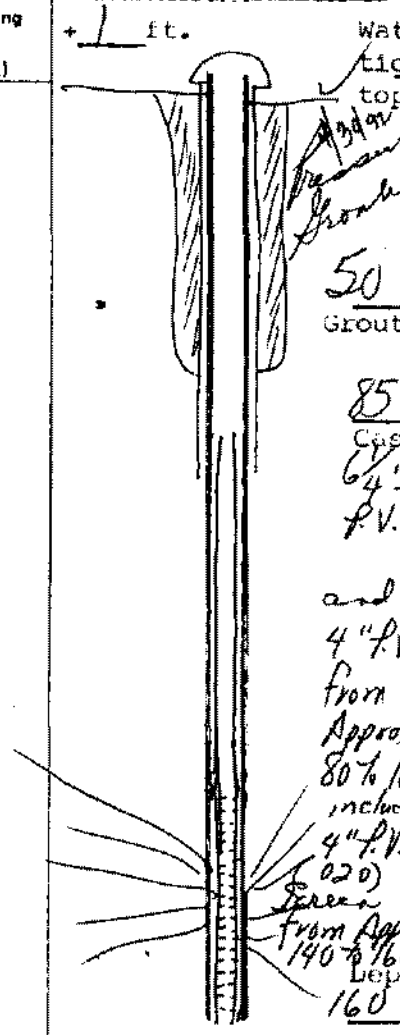
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))
From	To		
0	10	Sandy Red Clay	
10	35	Yellow Sand	
35	75	Sand & Gravel	
75	84	Blue Clay	
84	141	Grey Sandy Clay	
141	152	Grey Sand	
152	160	Blue	



Approximate  
Water zones  
  
141 to 152

11. Drilling Time (Min.)  
12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



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 Rene T. Danielson (Seal), Date 5/1/92  
 (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  
703-828-2595
  - Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
3312 Peters Creek Road  
Roanoke, 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 310 Pembroke No. 2  
Va. Beach, Va. 23462  
804-499-8742
  - Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111