

WATER WELL COMPLETION REPORT

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

(Certification of Completion/County Permit)

HOWCO

P.O. Box 1150

Stafford, Va 22554

659-1581

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

189-89-209 7/28/89 Area  
Mendons

Tax Map I.D. No. 39-45-2  
Subdivision Brooke Leigh  
Section Parcel 45  
Block \_\_\_\_\_  
Lot 2  
Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB  IIA \_\_\_\_\_ IIB \_\_\_\_\_  
IIC \_\_\_\_\_ IID \_\_\_\_\_ IIE \_\_\_\_\_

Virginia Plane Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

Topo. Map No. 182C

Elevation \_\_\_\_\_ ft.

Formation \_\_\_\_\_

Lithology \_\_\_\_\_

River Basin \_\_\_\_\_

Province \_\_\_\_\_

Type Logs D. L.

Cuttings N. A.

Water Analysis \_\_\_\_\_

Aquifer Test \_\_\_\_\_

Owner For Sale

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

Address \_\_\_\_\_

Phone \_\_\_\_\_

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

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

WELL LOCATION: \_\_\_\_\_ feet/miles \_\_\_\_\_ direction of \_\_\_\_\_  
and \_\_\_\_\_ feet/miles (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) 1 Mile West of Intersection of 608 & 677

Date started 10/25/89 • Date completed 10/25/89 Type rig Air Rotary

Approximate Drawdown 15 feet.

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

Total depth 140 ft.

Depth to bedrock \_\_\_\_\_ ft.

Hole size (Also include reamed zones)

• 10 inches from 0 to 59 ft.

• 6 inches from 59 to 140 ft.

Casing size (I.D.) and material

• 6 1/4 inches from +1 to 59 ft.

Material P.V.C.

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

60 • 4 inches from approx 50 to 110 ft.

Material P.V.C. Well Casing - As Lined

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

Screen size and mesh for each zone (where applicable)

• 4 inches from 110 to 140 ft.

• Mesh size .016 Type P.V.C.

Gravel pack

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

Grout

• From 0 to 50' ft. Type Pressure Grouting

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

- Installed Watertight Top  
- Suggest setting pump @ approx 110'  
- You will encounter 4" liner @ VEP approx 50'

2. WATER DATA • Water temperature \_\_\_\_\_ °F

• Static water level (unpumped level measured) 75 ft.

• Stabilized measured pumping water level 90 ft.

• Stabilized yield 25 gpm after 1 hour

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

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

3. WATER ZONES: From 120 To 139

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 seat \_\_\_\_\_

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 HOWCO

/ Suggest keeping torque arrestors / Centralizers out of 4" liner

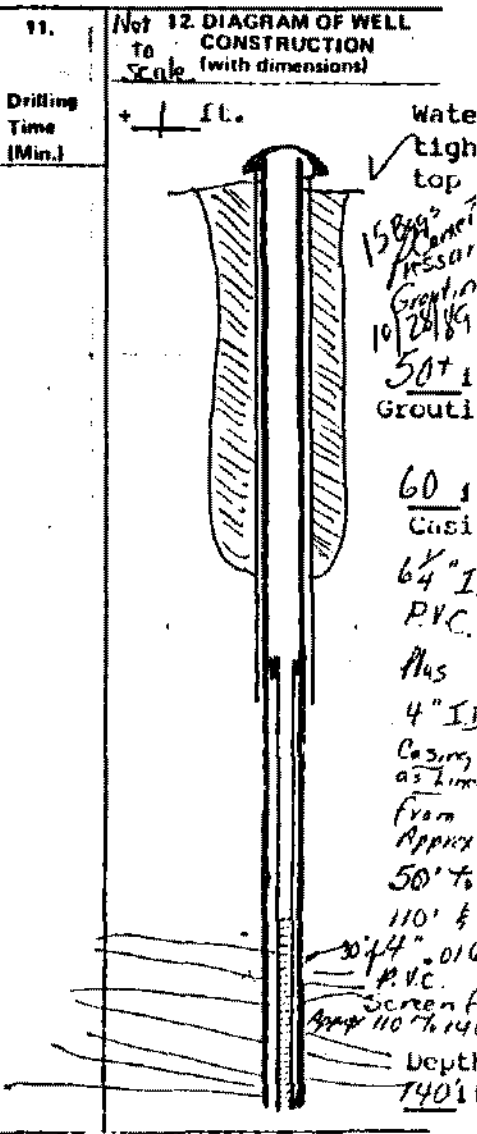
#677 off 608

The Virginia State Water Control Board Information about groundwater and wells for every well made in the State non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. An accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill logs, and intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. Quarterly 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. All permits require submission of a water well completion report. The Virginia State Health Department requires a water well completion report for public supply wells.

**WELLERS 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	30	yellow sand	
30	59	blue clay (hard to cut)	
59	100	hard sandstone	
100	110	brown clay	
110	139	sand & gravel	water zone
139	140	hard clay	

Approximate Water zones  
120 to 139



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 \_\_\_\_\_

- 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

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 [Signature] (Seal), Date 10/28/89  
 License No. \_\_\_\_\_