

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

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

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

(Certification of Completion/County Permit)

256-1-5

County/City Stafford

John Buckley  
1111 Star Home, Inc.  
4076-B Plank Road  
Fredericksburg, Va 22401  
Fax 478-9997  
Phone 478-9568

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

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

• Virginia Plane Coordinates

N \_\_\_\_\_  
E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_  
W \_\_\_\_\_

• Topo. Map No. 183A

• Elevation \_\_\_\_\_ ft.

• Formation \_\_\_\_\_

• Lithology \_\_\_\_\_

• River Basin \_\_\_\_\_

• Province \_\_\_\_\_

• Type Logs D. L.

• Cuttings N. A.

• Water Analysis \_\_\_\_\_

• Aquifer Test \_\_\_\_\_

County/City Stamp Stafford Permit issued to

• Owner John & Judy Humphrey

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

Address 1085 Lake View Drive  
Stafford, Va. 22554

Phone 478-0276

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

Address 4616 Hood Drive  
Fredericksburg, Virginia 22406

Phone (703) 898-6025

For Office Use

189-890-113 5-31-81 NEW AGD  
6-7-89 RM Dir

Tax Map I.D. No. 256-1-5

Subdivision Plank Road

Section 1

Block \_\_\_\_\_

Lot 5

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

IIA \_\_\_\_\_, IIIA \_\_\_\_\_, 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 7/18/91 • Date completed 7/18/91 Type rig Air Rotary

Approximate Drawdown 160 feet.

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

• Total depth \_\_\_\_\_ ft. 280

• Depth to bedrock \_\_\_\_\_ ft. 86

• Hole size (Also include reamed zones)

• 10 inches from 0 to 86 ft.

• 6 1/2 inches from 86 to 280 ft.

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

• Casing size (I.D.) and material

• 6 1/2 inches from +1 to 86 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness SDR 27 in.

• 4 inches from 80 to 240 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.

• 4 inches from 260 to 280 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.

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

• 4 inches from 240 to 260 ft.

• Mesh size 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 Grout

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

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

• Static water level (unpumped level-measured) \_\_\_\_\_ ft. 80

• Stabilized measured pumping water level \_\_\_\_\_ ft. 240

• Stabilized yield 6 gpm after \_\_\_\_\_ hours

Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate \_\_\_\_\_ gpr

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

3. WATER ZONES: From 262 To 263

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. WELL HEAD: 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 keeping pressure out of 4" casing

Installed water at the top  
inspect with pump or approx 260'  
you will encounter level @ approx 80'  
OVER

*1978 Debetur*  
*11/15/91*  
*Blakes Horns #5*  
*Stafford 649 1/2 Rainwater Lane*

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.

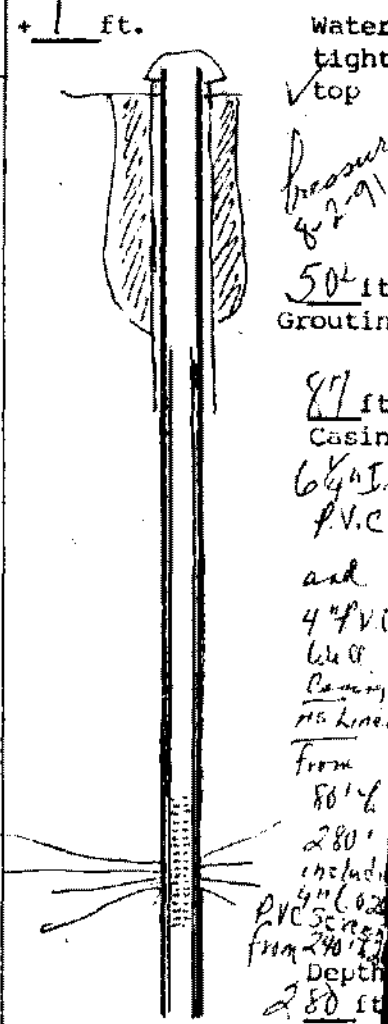
10. DRILLERS LOG (use additional Sheets if necessary)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To			
0	10	Red clay		
10	40	Micaceous formation/Red		
40	70	Micaceous formation/Brown		
70	86	soft Brown shale		
86	280	soft blue shale	Set 4" liner & P.V.C. Screen due to softness of formation	

Approximate Water Zones  
 262 to 263



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.

- 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  
5312 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

Signature [Signature] Date 8/2/91  
 (Well driller or authorized person) License No. \_\_\_\_\_