

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

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

(Certification of Completion/County Permit)

City Stafford

County/City Stamp

Virginia Plane Coordinates

N  
E  
N  
W

Latitude & Longitude

- Topo. Map No. \_\_\_\_\_
- Elevation \_\_\_\_\_ ft.
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

• Owner Clayborn J. Callahan  
 • Well Designation or Number \_\_\_\_\_  
 Address 8511 Thornleaf Street  
Alexandria Va 22309  
 Phone 1-703-499-0444  
 • Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

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

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

For Office Use  
189-88-588 2/2/89  
Michael Abram  
 Tax Map I.D. No. 46-20-3  
 Subdivision Dogwood Airpark  
 Section 1  
 Block \_\_\_\_\_  
 Lot #3  
 Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB , 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 7/16/90 • Date completed 7/16/90

305 Airport Blvd 22405  
N. of Interstate 6627  
Dogwood Airpark  
(Clayton W.L. Allen)  
 Type rig Air Rotary

Approximate Drawdown 30 feet.

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

- Total depth 140 ft.
- Depth to bedrock \_\_\_\_\_ ft.
- Hole size (Also include reamed zones)
  - 10 inches from 0 to 87 ft.
  - 68 inches from 87 to 140 ft.
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Casing size (I.D.) and material
  - 64 inches from +1 to 87 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness SDR 27 in.
  - \_\_\_\_\_ inches from 80 to 100 ft.  
Material P.V.C.  
Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.
  - 4 inches from 120 to 140 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 100 to 120 ft.  
Mesh size .016 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 \_\_\_\_\_

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_
- Static water level (unpumped level-measure) 30 ft.
  - Stabilized measured pumping water level 60 ft.
  - Stabilized yield 25 gpm after \_\_\_\_\_ hours
  - Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm
  - Comment on quality \_\_\_\_\_

3. WATER ZONES: From 112 To 127  
 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 LDL Inc

• Gravel pack  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Grout  
 • From 0 to 50 ft. Type Pressure Grouting  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement  
Installed Waterlight top  
Suggest setting pump @ appr. 80'

Owner: Clayton J. Callahan  
Dagwood Air Park #3  
Stafford (off #627)

DEPT. OF ENVIRONMENTAL & NATURAL RESOURCES  
 DIVISION OF WATER RESOURCES  
 DIVISION OF WATER RESOURCES

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, or information required includes: an accurately and completely prepared water well completion report, full data from any aquifer cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required in the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water well 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.)	Not to Scale + 1 ft.
From	To				
0	10	Red clay			
10	30	yellow sand			
30	45	Blue clay			
45	75	Red clay			
75	85	Sand & gravel			
85	112	Blue clay			
112	127	grey sand			
127	140	Brown clay			
Approximate Water Zones 112 to 127					

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  
703-628-2595
  - 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

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: Clayton J. Callahan (Seal) Date: 7/16/90  
 (Well driller or authorized person) License No. \_\_\_\_\_