

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)

37A-21

Cagle Builders
2193 Jefferson Davis Highway #101
Stafford, Va. 22554
659-1063

County/City Stafford

County/City Stamp

SWCB Permit
County Permit
Certification of inspecting official:
This well does meet code/low requirements.
Date
For Office Use

Virginia Plane Coordinates
Latitude & Longitude
Topo Map No. 185A
Elevation
Formation
Lithology
River Basin
Province
Type Logs
Cuttings
Water Analysis
Aquifer Test

Owner
Well Designation or Number
Address
Phone
Drilling Contractor John L. Danielson, Jr., Inc.
Address 4816 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

Tax Map I.D. No.
Subdivision Abell Lake Forest
Section
Block
Lot #21
Class Well: I, IIA, IIB, 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 8/13/88 Date completed 8/16/88 Type rig Air Rotary

Approximate Drawdown 350 feet.

WELL DATA New Reworked Deepened
Total depth 460 ft
Depth to bedrock 54 ft
Casing size (I.D.) and material
6 1/2 inches from 54 to 460 ft
Material PVC Well Casing - Schedule 40
Gravel pack
Grout 0 to 50 ft Type Well Cement

2. WATER DATA Water temperature
Static water level (unpumped level-measured) 40 ft
Stabilized measured pumping water level 390 ft
Stabilized yield 3 gpm after
Natural Flow: Yes No Flow rate gpm
Comment on quality
3. WATER ZONES: From 100 To 101
From 300 To 302 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)
Casing pulled yes no not applicable
Rigging grout From to material
Pump installed through Cagle Builders

Installed Waterlight top
Suggest setting pump @ approx 440'
OVER

Owner

BWGM No.

*Boyle Bros*

*Abel Lake Forest # 21*

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)

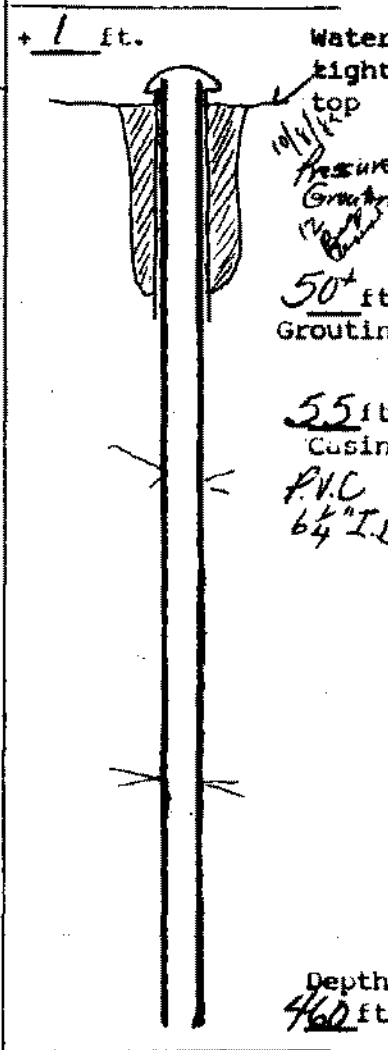
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	red clay	
10	30	Micaeous formation red	
30	50	Micaeous formation brown	
50	65	soft blue rock	
65	460	hard blue rock	

Approximate  
Water zones  
  
100 to 101  
and  
300 to 302

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensional)



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  
5312 Peters Creek Road  
Roanoke, Va. 24019  
708-982-7432
  - Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6636  
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 *Lynda Danielson* (Seal), Date 10/8/88  
 \_\_\_\_\_  
 (Well driller or authorized person) License No. \_\_\_\_\_