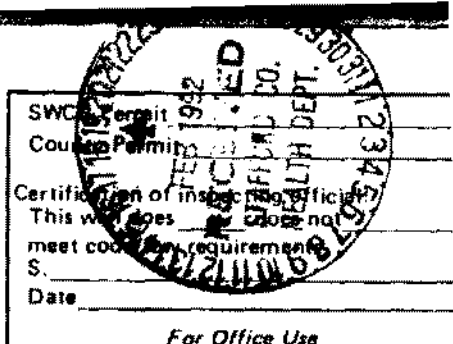


State Water Control Board  
 P. O. Box 11143  
 2111 North Hamilton St.  
 Richmond, Va. 23230

(Certification of Completion/County Permit)



County/City Stafford

County/City Stamp

- 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 \_\_\_\_\_

• Owner Amibal Ramos  
 • Well Designation or Number \_\_\_\_\_  
 Address 3002 Clapp Shop Drive W-91-100  
Stafford, Va. 22554  
 Phone 659-4928  
1-703-680-2610  
 • Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22406  
 Phone (703) 898-6025

For Office Use  
 Tax Map I.D. No. 20H-24  
 Subdivision Bald Eagle Hill  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 24  
 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 9/10/91 • Date completed 9/10/91 Type rig Air Rotary

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

- Total depth 220 ft.
- Depth to bedrock 59 ft.
- Hole size (Also include reamed zones)
  - 10 inches from 0 to 59 ft.
  - 6 1/2 inches from 59 to 220 ft.
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
- Casing size (I.D.) and material
  - 6 1/2 inches from +1 to 59 ft.
  - Material P.V.C.
  - Wt. per foot \_\_\_\_\_ or wall thickness SDR27 in.
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Material \_\_\_\_\_
  - Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Material \_\_\_\_\_
  - Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.
- Screen size and mesh for each zone (where applicable)
  - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Mesh size \_\_\_\_\_ Type \_\_\_\_\_
  - \_\_\_\_\_ 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
  - From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

- Approximate Drawdown 140 feet.
- 2. WATER DATA • Water temperature \_\_\_\_\_ °F
- Static water level (unpumped level-measured) 40 ft.
- Stabilized measured pumping water level 180 ft.
- Stabilized yield 8 gpm after \_\_\_\_\_ hour
- Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate \_\_\_\_\_ g p r
- Comment on quality \_\_\_\_\_
- 3. WATER ZONES: From 210 To 211
- 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: Typt. 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 \_\_\_\_\_

Installed Waterlight top  
at approx setting pump @ approx 200'  
 9/12/91

OVER

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)

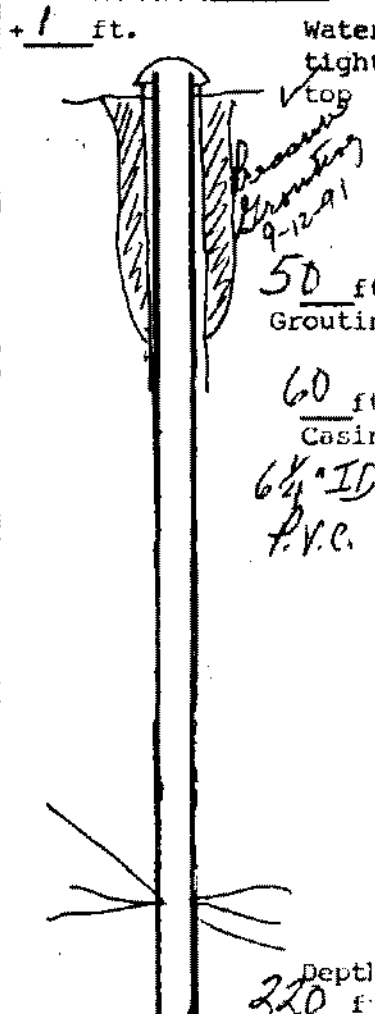
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, breakers, core, shot, etc.)
From	To		
0	10	Red Sandy clay	
10	30	Micaceous formation / Red	
30	50	Micaceous formation / Brown	
50	59	Soft Brown Shale	
59	220	Hard Black Rock	

Approximate  
Water Zones  
210 to 211

11.

Drilling  
Time  
(Min.)

12. DIAGRAM OF WELL  
TO  
CONSTRUCTION  
Scale (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 codes of the Commonwealth of Virginia.

Signature James T. Wanshore Date 9/12/91  
(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