

State Water Control Board  
P.O. Box 11143  
2111 North Hamilton Street  
Richmond, Virginia 23230

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT  
Certification of Completion/County Permit  
*George Milleson*

• BWCM No. \_\_\_\_\_

County/City STAFFORD Co. 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

- Virginia Plane Coordinates  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
N  
\_\_\_\_\_  
\_\_\_\_\_  
E
- Latitude & Longitude  
\_\_\_\_\_  
\_\_\_\_\_  
N  
\_\_\_\_\_  
\_\_\_\_\_  
W
- Topo. Map No. \_\_\_\_\_
- Elevation \_\_\_\_\_
- Formation \_\_\_\_\_
- Lithology \_\_\_\_\_
- River Basin \_\_\_\_\_
- Province \_\_\_\_\_
- Type logs \_\_\_\_\_
- Cuttings \_\_\_\_\_
- Water Analysis \_\_\_\_\_
- Aquifer Test \_\_\_\_\_

• Owner George Milleson  
• Well Designation or Number \_\_\_\_\_  
Address 20 NORMAN RD  
Phone 690-5985

• Drilling Contractor: Northern Virginia Drilling, Inc.  
Address 11358 Industrial Road  
Manassas, VA 20109  
Phone: (703) 361-8859

SWP-01-331  
Tax Map I.D. No. 22-2  
Subdivision NORMAN  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot 2  
Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIA \_\_\_\_\_ IIB   
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ feet/miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked)  
Date started 11-28-01 • Date completed 11-28-01 Type rig AIR ROTARY

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_
- Total depth 260' ft.
  - Depth to bedrock 49' ft.
  - Hole size (Also include reamed zones)
    - 10" inches from 0 to 21 1/2' ft.
    - 10 1/2" inches from 21 1/2' to 260' ft.
    - \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.
  - Casting size (I.D.) and material
    - 6 1/4" inches from 0 to 219' ft.  
Material Steel  
Wt. per foot 13 or wall thickness .188 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 70' to 0 ft., Type Cement
    - From 21 1/2' to 70' ft., Type Rock Cuttings

- WATER DATA • Water Temperature \_\_\_\_\_
- Static water level (unpumped level-measured) 110'
  - Stabilized measured pumping water level \_\_\_\_\_
  - Stabilized yield 10 gpm after 1HR hours  
Natural Flow: Yes \_\_\_\_\_ No  flow rate: \_\_\_\_\_ gpm  
Comment on quality Sediment Present
3. WATER ZONES: From 235 To 250  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_
- 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 \_\_\_\_\_

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 analysis, 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. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL		
From	To	(color, material, fossils, hardness etc.)	(water, caving, cavities, broken, cone, shot, etc.)	
0	49'	OVERBURDEN	INSTALLED EX-TRA CASING	6 1/2" O.D. CASING 0 TO 219' 10" Hole 070 219' 6 1/2" Hole 219' to 260'
49'	101'	HARD PACKED SAND	PREVENT WELL WALL CAVING	
101'	188'	BLUE MARINE CLAY		
188'	260'	HARD PACKED SAND		

**State Water Control Board Regional Offices**

Valley Reg. Off.  
 116 North Main Street  
 P.O. Box 268  
 Bridgewater, Va. 22812  
 703-628-2595

Piedmont Reg. Off.  
 4010 West Broad Street  
 P.O. Box 6616  
 Richmond, Va. 23230  
 804-257-1006

Southwest Reg. Off.  
 408 East Main Street  
 P.O. Box 476  
 Abington, Va. 24210  
 703-628-5183

Tidewater Reg. Off.  
 287 Pembroke Office Park  
 Suite 310 Pembroke No. 2  
 Va. Beach, Va. 23462  
 804-499-8742

West Central Reg. Off.  
 Executive Park  
 5312 Peters creek Road  
 Roanoke, Va. 24019  
 703-982-7432

Northern Virginia Reg. Off.  
 5515 Cherokee Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111

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.

Signature Rod E. [Signature] (Seal), Date 11-28-01  
(Well driller or authorized person)

License No. 015610