

Form GW-2  
978-10,000

State Water Control Board  
P.O. Box 11143  
3111 North Hamilton Street  
Richmond, Virginia 23230

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT  
Certification of Completion/County Permit  
MILLER ENT.

SWCM No. \_\_\_\_\_

22-29D

County/City STAFFORD Co.  
County/City Stamp \_\_\_\_\_

SWCM Permit  
County Permit  
Certification of inspecting official:  
This well does not meet and/or requirements.  
B. \_\_\_\_\_  
Date \_\_\_\_\_  
For Office Use

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

Owner CONCEPT US  
Well Designation or Number \_\_\_\_\_  
Address NORFOLK RD.  
Phone 802 2912  
Drilling Contractor: Northern Virginia Drilling, Inc.  
Address 1135E Industrial Road  
Manassas, VA 20108  
Phone: (703) 361-8889

Tax Map I.D. No. 22-25E  
70-20  
Subdivision \_\_\_\_\_  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well I \_\_\_\_\_ IA \_\_\_\_\_  
RD \_\_\_\_\_ MA \_\_\_\_\_ WB \_\_\_\_\_  
R1C \_\_\_\_\_ R2 \_\_\_\_\_ R3 \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
(if possible please include map showing location marked)  
Date started 10-15-02 Date completed 10-15-02 Type rig AIR ROTARY

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth 200' ft.  
• Depth to bedrock 140' ft.  
• Hole size (Also include reamed zones)  
• 12 1/4" inches from 0' to 134 1/2' ft.  
• 6 1/2" inches from 134 1/2' to 200' ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• Casing size (I.D.) and material  
• 6 1/2" inches from 0 to 126' ft.  
Material STEEL  
Wt. per foot 13 or wall thickness 1/8" 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)  
• 4 1/2" inches from 200' to 180' ft.  
• Mesh size Solid Type PVC  
• 4 1/2" inches from 180' to 140' ft.  
• Mesh size 20 Type PVC  
• 4 1/2" inches from 140' to 100' 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 12 1/2' to 70' ft. Type Rock Cuttings

WATER DATA • Water Temperature \_\_\_\_\_  
• Static water level (unpumped level measured) 85'  
• Stabilized measured pumping water level \_\_\_\_\_  
• Stabilized yield 20 gpm after 1HR hours  
Natural Flow: Yes \_\_\_\_\_ No  flow rate: \_\_\_\_\_ gpm  
Comment on quality SANDY TASTE  
9. WATER ZONES: From 140' To 100'  
From 175' To 190' From \_\_\_\_\_ To \_\_\_\_\_  
From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
USE DATA:  
Type of use: Drilling  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 \_\_\_\_\_  
8. PUMP DATA: Type \_\_\_\_\_ • Rated H.P. \_\_\_\_\_  
• Intake depth \_\_\_\_\_ • Capacity \_\_\_\_\_ at \_\_\_\_\_ head  
6. WELLHEAD: Type well seal \_\_\_\_\_  
Pressure Tank \_\_\_\_\_ gal. Loo \_\_\_\_\_  
Sample tap \_\_\_\_\_ Measurement port \_\_\_\_\_  
Well vent \_\_\_\_\_ Pressure relief valve \_\_\_\_\_  
Gas 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 \_\_\_\_\_

OVER

Owner \_\_\_\_\_

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

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. DRILLER'S LOG (use additional sheets if necessary)

| 10. DRILLER'S LOG (use additional sheets if necessary) |      |  |  | 11. Drilling Time (Min.) | 12. DEPTH OF WELL CONSTRUCTION AND STRUCTURE                |
|--|------|--|--|--------------------------|---|
| DEPTH (feet)   |      | TYPE OF ROCK OR SOIL<br><small>(sand, gravel, silt, loess, etc.)</small> | REMARKS<br><small>(water, casing, casing logs, etc., etc., etc.)</small> |                          |   |
| From   | To   |  |  |                          |   |
| 0  | 40'  | OVERBURDEN   | INSTALLED EXTRA CASING TO PREVENT WELL WALL COLLAPSE                     |                          | 6 5/8" OD. CASING TO 126'<br>12" HOLE TO 124" Note "to 200" |
| 40'  | 108' | PACKED SAND  |  |                          |   |
| 108'   | 117' | BROKEN QUARTZ  |  |                          |   |
| 117'   | 200' | PACKED SAND  |  |                          |   |

State Water Control Board Regional Offices

Valley Reg. Off.  
116 North Main Street  
P.O. Box 288  
Bridgewater, Va. 22812  
703-628-2886

Piedmont Reg. Off.  
4010 West Broad Street  
P.O. Box 8818  
Richmond, Va. 23230  
804-257-1008

Southwest Reg. Off.  
408 East Main Street  
P.O. Box 478  
Abingdon, Va. 24210  
703-628-5183

Tidewater Reg. Off.  
887 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 23442  
804-489-8742

West Central Reg. Off.  
Executive Park  
8312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7492

Northern Virginia Reg. Off.  
8818 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22319  
703-780-9111

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 PIPES: 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 applicable county or independent city ordinances and the laws and rules of the Commonwealth of Virginia.

Signature \_\_\_\_\_ (See) Date 10-17-02  
License No. 015640