

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  
**HEARTLAND**

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 Heartland Homes  
 Well Designation or Number \_\_\_\_\_  
 Address HOLLY CORNER RD.  
 Phone 657-4444  
 Drilling Contractor: Northern Virginia Drilling, Inc.  
 Address 11358 Industrial Road  
Manassas, VA 20109  
 Phone: (703) 361-6858

Tax Map I.D. No. 43-A-11-24A  
 Subdivision MIKE RIDGE  
 Section 7  
 Block \_\_\_\_\_  
 Lot 24A  
 Class Well I \_\_\_\_\_ II A \_\_\_\_\_  
 II B \_\_\_\_\_ III A \_\_\_\_\_ III B   
 III C \_\_\_\_\_ III D \_\_\_\_\_ III E \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 (If possible please include map showing location marked)  
 Date started 8-17-00 Date completed 8-17-00 Type log AIR ROTARY

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

Total depth 240' ft.

Depth to bedrock 231' ft.

Hole size (Also include reamed zones)

• 10" inches from 0 to 82 1/2' ft.

• 6 1/2" inches from 82 1/2' to 240' ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

casing size (I.D.) and material

• 6 1/4" inches from 0 to 84' 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)

• \_\_\_\_\_ 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 \_\_\_\_\_

rel Pack

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

• From 55' to 0 ft. Type Cement

• From 0 to 55' ft. Type Rock Cuttings

WATER DATA - Water Temperature \_\_\_\_\_

• Static water level (unpumped level-measured) 35'

• Stabilized measured pumping water level \_\_\_\_\_

• Stabilized yield 15 gpm after 1 HR hours

Natural Flow: Yes \_\_\_\_\_ No  flow rate: \_\_\_\_\_ gpm

Comment on quality CLEAR

3. WATER ZONES: From 141' To 145'

From 221' To 222' From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

USE DATA:

Type of use: Drinking  Livestock Watering \_\_\_\_\_

Irrigation \_\_\_\_\_ Food processing \_\_\_\_\_ Household

Manufacturing \_\_\_\_\_ Fire Safety \_\_\_\_\_ Cleaning \_\_\_\_\_

Recreation \_\_\_\_\_ Aesthetic \_\_\_\_\_ Cooking 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL <small>(color, material, fossils, hardness etc.)</small>	REMARKS <small>(water, casing, cement, broken, cone, shot, etc.)</small>	11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION <small>(with dimensions)</small>
From	To				
0	23'	OVERBURDEN	INSTALLED EXTRA CASING TO PREVENT WELL WALL COLLAPSE		
23'	60'	SANDSTONE			
60'	71'	BROKEN QUARTZ + SANDS			
71'	158'	GREY SHALE			
158'	240'	BLUE GRANITE			

State Water Control Board Regional Offices

Valley Reg. Off.  
116 North Main Street  
P.O. Box 266  
Bridgewater, Va. 22812  
703-626-2665

Piedmont Reg. Off.  
4010 West Broad Street  
P.O. Box 5516  
Richmond, Va. 23230  
804-257-1006

Southwest Reg. Off.  
408 East Main Street  
P.O. Box 478  
Arlington, Va. 24210  
703-626-5183

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  
703-682-7432

Northern Virginia Reg. Off.  
5616 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 Robert Marshall (Seal) Date 8-17-00  
(Print name or authorize person)  
License No. 015640