

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

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

\_\_\_\_\_ Street  
 \_\_\_\_\_, Virginia 23230

Kim Bouch

County/City STAFFORD Co.

County/City Stamp

• 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 John Kim Bouch  
 • Well Designation or Number \_\_\_\_\_  
 Address CANNON KNOLLS DR.  
 Phone 288-0870  
 • Drilling Contractor: Northern Virginia Drilling, Inc.  
 Address 11356 Industrial Road  
Manassas, VA 20109  
 Phone: (703) 361-6859

SWCB Permit \_\_\_\_\_  
 County Permit \_\_\_\_\_  
 Certification of inspecting official:  
 This well does \_\_\_\_\_ does not \_\_\_\_\_  
 meet code/low requirements.  
 S \_\_\_\_\_  
 Date \_\_\_\_\_  
 For Office Use

SWP 98-250  
 Tax Map I.D. No. 26F-4A  
 Subdivision CANNON KNOLLS  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot 42  
 Class Well I \_\_\_\_\_ IA \_\_\_\_\_  
 IB \_\_\_\_\_ IIA \_\_\_\_\_ IIB R  
 IC \_\_\_\_\_ IID \_\_\_\_\_ IIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 and \_\_\_\_\_ feet/miles \_\_\_\_\_ (direction) of \_\_\_\_\_  
 (If possible please include map showing location marked)  
 Date started 9-14-00 Date completed 9-15-00 Type rig AIR ROTARY

1. WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 • Total depth 280' ft.  
 • Depth to bedrock 41' ft.  
 • Hole size (Also include reamed zones)  
 • 10" inches from 0 to 124 1/2' ft.  
 • 6 1/2" inches from 124 1/2' to 230' 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 0.1875 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 55' to 0 ft., Type Cement  
 • From 24 1/2' to 55' ft., Type Rock CUMBS

WATER DATA - Water Temperature \_\_\_\_\_  
 • Static water level (unpumped level-measured) 45'  
 • Stabilized measured pumping water level \_\_\_\_\_  
 • Stabilized yield 20' gpm after 1HR hours  
 Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate: \_\_\_\_\_ gpm  
 Comment on quality CLEAR  
 3. WATER ZONES: From 151' To 163'  
 From 20' To 220' 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 \_\_\_\_\_

OVER

submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the state... This information must be submitted whether the well is completed, on standby, or abandoned. Information includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, drill cuttings taken at... 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)

10. DRILLERS LOG (use additional sheets if necessary)			REMARKS (water, casing, cavities, broken core, shot, etc.)	11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness etc.)			
From	To				
0	41'	overburden	INSTALLED EXTRA CASING TO PREVENT WELL WALL COLLAPSE		
41'	101'	Sandstone			
101'	112'	Broken Quartz & Gravel			
112'	220'	Grey Granite			

State Water Control Board Regional Offices

- Valley Reg. Off.**  
110 North Main Street  
P.O. Box 268  
Bridgewater, Va. 22812  
703-828-2595
- Piedmont Reg. Off.**  
4010 West Broad Street  
P.O. Box 8616  
Richmond, Va. 23230  
804-257-1006
- Southwest Reg. Off.**  
408 East Main Street  
P.O. Box 476  
Abingdon, Va. 24210  
703-628-5183
- Tidewater Reg. Off.**  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 23462  
804-489-6742
- West Central Reg. Off.**  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-882-7432
- 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: DeBert Hill (Seal) Date: 9-15-00  
 License No. 015640