

Water Control Board
Box 11143
171 North Hamilton Street
Richmond, Virginia 23230

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

- 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

• Latitude & Longitude

• Topo. Map No. _____
• Elevation _____
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type logs _____
• Cuttings _____
• Water Analysis _____
• Aquifer Test _____

• Owner JOHN Kim-BOWA
• Well Designation or Number _____
Address _____
Phone 288-0870
• Drilling Contractor: Northern Virginia Drilling, Inc.
Address 11358 Industrial Road
Manassas, VA 20109
Phone: (703) 381-8859

SWP-02-327
Tax Map I.D. No. 26-2A lot 3
Subdivision MAJESTIC RIDGE
Section _____
Block _____
Lot 3
Class Well I _____ II A _____
II B _____ II C _____
III A _____ III B _____ III C _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ feet/miles _____ (direction) of _____
(If possible please include map showing location marked)
Date started 12-10-02 Date completed 12-10-02 Type rig AIR ROTARY

1. WELL DATA: New Reworked _____ Deepened _____
• Total depth 340' ft.
• Depth to bedrock 26' ft.
• Hole size (Also include reamed zones)
• 10" inches from 0 to 103 1/2' ft.
• 6 1/2" inches from 103 1/2' to 340' ft.
• _____ inches from _____ to _____ ft.
• Casting size (I.D.) and material
• 6 1/2" inches from 0 to 105' ft.
Material Steel
Wt. per foot 13 or wall thickness .108 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' 0" ft., Type Cement
• From 105' 0" to 55' ft., Type Rock Cutts 65

- WATER DATA - Water Temperature _____
• Static water level (unpumped level-measured) 20'
• Stabilized measured pumping water level _____
• Stabilized yield 8 gpm after 1HR hours
Natural Flow: Yes _____ No _____ flow rate: _____ gpm
• Comment on quality Clear

3. WATER ZONES: From 115' to 119'
From 280' To 286' 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

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, casing, broken core, shot, etc.)</small>
From	To		
0	26'	Overburden	INSTALLED EXTRA CASING TO PREVENT WELL WALL COLLAPSE
26'	80'	Grey SHALE	
80'	91'	BROKEN QUARTZ	
91'	188'	Grey SHALE	
188'	340'	Blue SHALE	

11. Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

6 5/8" O.D. CASING
078 1051

10" Hole 078 103 1/2'
6 5/8" Hole 103 1/2' to 340'

State Water Control Board Regional Offices

- Valley Reg. Off.
116 North Main Street
P.O. Box 268
Bridgewater, Va. 22812
703-826-2585
- Piedmont Reg. Off.
4010 West Broad Street
P.O. Box 8618
Richmond, Va. 23230
804-257-1006
- Southwest Reg. Off.
408 East Main Street
P.O. Box 476
Abington, Va. 24210
703-826-5183
- 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. 24018
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: [Signature] (Seal) Date: 12-10-02
License No. 015640