

COMMONWEALTH OF VIRGINIA WATER WELL COMPLETION REPORT

• BWCM No. _____

(Certification of Completion/County Permit)

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates

N _____

E _____

Latitude & Longitude _____

N _____

W _____

• Topo. Map No. 182C

• Elevation _____ ft.

• Formation _____

• Lithology _____

• River Basin _____

• Province _____

• Type Logs D. L.

• Cuttings N. A.

• Water Analysis _____

• Aquifer Test _____

• Owner Hunter, Michael, Jr.

• Well Designation or Number (Albion - Sherwood Forest Service)

Address Rt 2 Box 4 Brix 37

Stafford Va. 22405

Phone 373-8618

• Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

WELL LOCATION: 2 (feet/miles) EAST direction of Intersection of 601 & #3

and 600 (feet/miles) North direction of # 3 (King's Highway)

(If possible please include map showing location marked)

Date started 5-9-88 • Date completed 5-10-88 Type of Air Rotary

SWCB Permit _____

County Permit _____

Certification of inspecting official _____

This well does _____ does not _____

meet code/low requirements.

S. _____

Date _____

For Office Use

59-75

Tax Map I.D. No. _____

Subdivision _____

Section _____

Block _____

Lot _____

Class Well I _____ IIA _____

IIA _____ IIIA IIIB _____

IIIC _____ IIID _____ IIIE _____

I. WELL DATA: New Heworked Deepened _____

• Total depth _____ ft. 190

• Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)

• 10 inches from +1 to 190 ft.

• _____ inches from _____ to _____ ft.

• _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

• 6 3/4 inches from +1 to 190 ft.

Material P.V.C. - Certain Hard Well Casing - slotted

Wt. per foot _____ or wall thickness _____ 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.

• _____ inches from _____ to _____ ft.

Material _____

Wt. per foot _____ or wall thickness _____ in.

• Screen size and mesh for each zone (where applicable)

• _____ inches from 150 to 190 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 20 to 190 Outside Casing ft. Washed

• From 190 to 190 Inside Casing ft. to gravel

• Grout

• From 0 to 20 ft. Type Neat Cement 5/11

• From _____ to _____ ft. Type _____ 1/2 Bags Cement

Installed Water-tight Cap

Set gravel setting pipe approx. 120' (10 Bag Cement)

and 30 G.P.A. @ 120' on 5/10/88 DNED

Approximate Drawdown 25 feet.

2. WATER DATA • Water temperature _____

• Static water level (unpumped level measured) 75

• Stabilized measured pumping water level 100

• Stabilized yield 50 gpm after 2 hours

Natural Flow: Yes _____ No flow rate _____ gpm

Comment on quality _____

3. WATER ZONES: From 150 To 165

From 175 To 185 From _____ To _____

From _____ To _____ From _____ To _____

4. 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 _____

Pump installed through Hunter, Michael, Jr.

Hempstead
Shafford "3"
 (2 Wells from 601)

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 when 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 analyses, 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. _____

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)	Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)	
From	To				+ 1 ft.	Water table top
0	30	red clay & gravel				Water table top
30	50	brown clay				Heat Cement (10' Pipe)
50	90	blue marl				20' Grout
90	140	black sand				141' Casing
140	150	gray clay	water zone			6" I.P.S.C. Well Casing
150	165	white sand	water zone			Slotted from approx 150' to 190'
165	185	sandstone	water zone (approx 175' to 185')			
185	190	gray clay	Approximate Water Zones 150' to 160' and 175' to 185'			Depth 190'

13. Well for 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] Date 5/12/88
 (Well driller or authorized person) License No. _____

State Water Control Board Regional Offices

Valley Reg. Off.
 116 North Main Street
 P. O. Box 268
 Bridgewater, Va. 22812
 703-828-2595

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 478
 Abingdon, Va. 24210
 703-628-5182

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
 Richmond, Va. 24014
 703-882-7452

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