

COMPLETION REPORT

BWCM No. _____

Certification of Completion/County Permit

Contractor **Woodmere Associates**
 Frank & Claire Robinson
 411 Canal Street
 Fredericksburg, Va. 22401

SWCB Permit _____
 County Permit _____
 Certification of inspecting official:
 This well does _____ does not _____
 meet code/low requirements.
 S. _____
 Date _____

County/City Stamp **373-0618**
373-7670
898-1316

Virginia Plane Coordinates
 N _____
 E _____
 Latitude & Longitude _____
 N _____
 W _____
 Topo. Map No. **182-B**
 Elevation _____ ft.
 Formation _____
 Lithology _____
 River Basin _____
 Province _____
 Type Logs **D.C.**
 Cuttings **N.A.**
 Water Analysis _____
 Aquifer Test _____

Owner **Dr. Robert Cain**

Well Designation or Number _____
 Address **1910 Woodlyn Drive**
Stafford
 Phone **371-0939 office**

Drilling Contractor **John L. Danielson, Jr., Inc.**
 Address **4616 Hood Drive**
Fredericksburg, Va. 22401
 Phone **798-6025**

For Office Use
37-40-2
 Tax Map I.D. No. _____
 Subdivision _____
 Section _____
 Block _____
 Lot _____
 Class Well: I _____, IIA _____
 IIB , IIIA _____, IIIB _____
 IIIC _____, IIID _____, IIIE _____

WELL LOCATION: **.8** West/miles **North** direction of **RS 753** and **.7** West/miles **West** direction of **RS 627**
 (If possible please include map showing location marked)

Date started **9/2/83** Date completed **9/6/83** Type rig **Air Rotary**

1. WELL DATA: New Reworked _____ Deepened _____
 Total depth **160** ft.
 Depth to bedrock **17** ft.
 Hole size (Also include reamed zones)
 • **10** inches from **0** to **51** ft.
 • **6** inches from **51** to **160** ft.
 Casing size (I.D.) and material
 • **6 1/4** inches from **+1** to **51** ft.
 Material **Plastic PVC**
 Wt. per foot _____ or wall thickness **Schedule 40** 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 **0** to **50** ft. Type **Neat Cement**
 • From _____ to _____ ft. Type _____

2. WATER DATA • Water temperature _____ °
 Static water level (unpumped level-measured) **30** ft.
 Stabilized measured pumping water level **38** ft.
 Stabilized yield **30** gpm after **2** hours
 Natural Flow: Yes _____ No _____, flow rate: _____ g per _____
 Comment on quality _____
 3. WATER ZONES: From **55** To **56**
 From **148** To **150** 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 installation through Woodmere Associates

9. State law requires submitting to the Virginia State Water Control Board information about groundwater intended for water, or any other non-exempt well. This information must be submitted whether the well is completed for water, or any other non-exempt well. This information must be submitted whether the well is completed for water, or any other non-exempt well. Information required includes: an accurately and completely prepared water well completion report, test logs from any cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical 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 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.

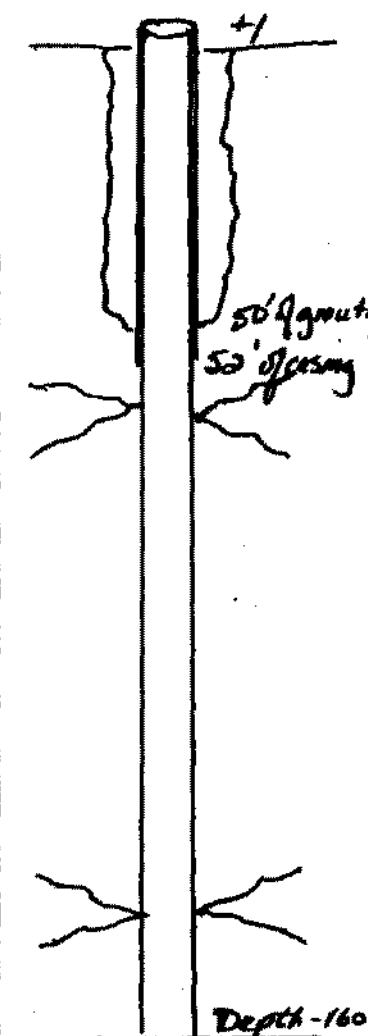
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	5	Light Brown clay	<p>Approx Water Zones = 55-56 ft, 148-150 ft</p>
5	17	Red clay	
17	160	Granite	

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



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.

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 6618
 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
 804-499-8742

West Central Reg. Off.
 Executive Park
 5512 Peters Creek Road
 Roanoke, Va. 24019
 703-982-7432

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

Signature John L. Danielson (Seal), Date 9/13/83
 Well driller or authorized person License No. _____