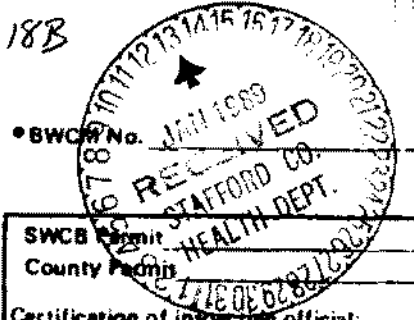


26-18B

COMMONWEALTH OF VIRGINIA WATER WELL COMPLETION REPORT (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

SWCB Permit No. _____
County Permit No. _____

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

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

• Virginia Plane Coordinates
N _____
E _____
Latitude & Longitude
N _____
W _____
• Topo. Map No. 183A
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D. L.
• Cuttings N. A.
• Water Analysis _____
• Aquifer Test _____

• Owner Michael Sullivan
• Well Designation or Number _____
Address 121 Redox Way Street
Fredericksburg, Va 22401
Phone 898-3113
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

WELL LOCATION: 1/4 (feet/miles) S direction) of 612 F. 649
and _____ (feet/miles) (direction) of _____
(If possible please include map showing location marked) (1st drive to right)

Date started 12/20/88 • Date completed 12/21/88 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 300 ft. 48' Approximate Drawdown 150 feet.
• Depth to bedrock 131 ft. break
• Hole size (Also include reamed zones)
• 10 inches from 0 to 30 ft. Base
• 8 1/2 inches from 30 to 131 ft. well attempt
• 6 1/4 inches from 131 to 300 ft. on rock
• Casing size (I.D.) and material
• 6 1/4 inches from 0 to 131 ft.
Material steel
Wt. per foot 13 lb or wall thickness .188 in.

• Screen size and mesh for each zone (where applicable)
• Mesh size _____ Type _____ ft.
• Mesh size _____ Type _____ ft.
• Mesh size _____ Type _____ ft.
• Mesh size _____ Type _____ ft.
• Mesh size _____ Type _____ ft.

• Gravel pack
• From _____ to _____ ft.
• From _____ to _____ ft.

• Grout
• From 0 to 20 ft. Type Neat Cement
• From _____ to _____ ft. Type _____
Installed water tight top
Suggest setting pump @ approx 260

2. WATER DATA • Water temperature _____
• Static water level (unpumped level-measured) 75
• Stabilized measured pumping water level 225
• Stabilized yield 12 gpm after 1 hr
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 282 To 283
From _____ To _____ 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 Michael Sullivan

OVER

Owner Michael Sullivan
Stephens #649

8118
 150 C OLDS
 12/28/88

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 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)

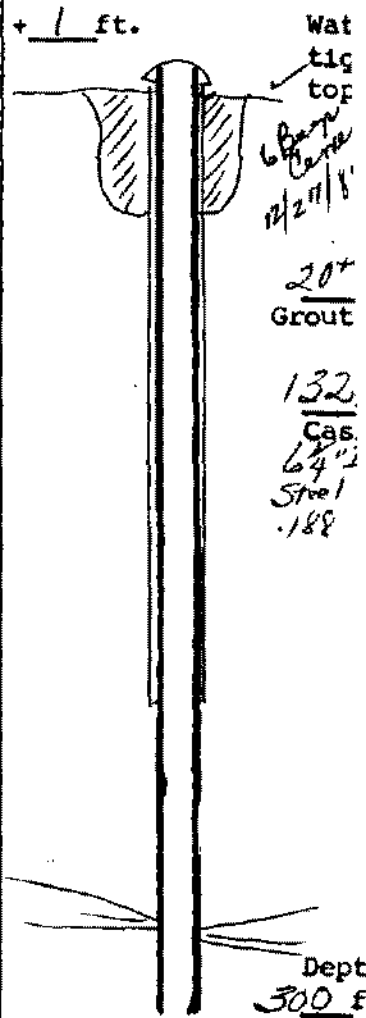
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	red clay	
10	50	Micaceous formation/red	
50	75	Micaceous formation/brown	
75	131	soft brown rock	
131	300	blue rock	

Approximate
 Water Zones
 292 to 283

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.

Signature Robert T. Davelos Date 12/28/88
 (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 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
 3312 Peters Creek Road
 Roanoke, Va. 24019
 703-982-7432

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