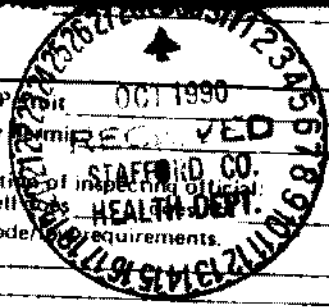


State Water Control Board  
 O. Box 11143  
 111 North Hamilton St.  
 Richmond, Va. 23230

(Certification of Completion/County Permit)



County/City Stafford

Virginia Plane Coordinates  
 N \_\_\_\_\_  
 E \_\_\_\_\_  
 Latitude & Longitude  
 N \_\_\_\_\_  
 W \_\_\_\_\_  
 Topo. Map No. 1830  
 Elevation \_\_\_\_\_ ft.  
 Formation \_\_\_\_\_  
 Lithology \_\_\_\_\_  
 River Basin \_\_\_\_\_  
 Province \_\_\_\_\_  
 Type Logs D. L.  
 Cuttings N. A.  
 Water Analysis \_\_\_\_\_  
 Aquifer Test \_\_\_\_\_

Permit issued to: Howard L. Fleming County/City Stamp  
 Owner: Michael Kordick  
 Well Designation or Number \_\_\_\_\_  
 Address: 72 Leland Road  
Dalton, Ga. 22405  
 Phone: 373-3070  
663-7534  
 Drilling Contractor: John L. Danielson, Jr., Inc.  
 Address: 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone: (703) 898-6025

SWCB Permit OCT 1990  
 County Permit RECEIVED  
 Certification of inspection of this well meets code requirements.  
 Date \_\_\_\_\_  
 For Office Use  
189-89-151 Michael Fleming  
4/25/87  
 Tax Map I.D. No. 46-79-1  
 Subdivision \_\_\_\_\_  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot \_\_\_\_\_  
 Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
 IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 and \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_  
 (If possible please include map showing location marked) 1/2 Miles S. of Cliff Grove Road  
Leland Rd - 2nd rd on left after RR tracks  
 Date started 8/2/90 Date completed 8/2/90 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 Total depth 180 ft.  
 Depth to bedrock \_\_\_\_\_ ft.  
 Casing size (Also include reamed zones)  
 • 10 inches from 0 to 102 ft.  
 • 6 3/4 inches from 102 to 180 ft.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Casing size (I.D.) and material  
 • 6 3/4 inches from +1 to 101 ft.  
 Material P.V.C.  
 Wt. per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
 • 4 inches from 95 to 140 ft.  
 Material P.V.C.  
 Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
 • 4 inches from 160 to 180 ft.  
 Material P.V.C.  
 Wt. per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
 Screen size and mesh for each zone (where applicable)  
 • 4 inches from 140 to 160 ft.  
 • Mesh size .016 Type P.V.C.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • Mesh size \_\_\_\_\_ Type \_\_\_\_\_

Approximate Drawdown 80 feet.  
 2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
 • Static water level (unpumped level-measured) 40 ft.  
 • Stabilized measured pumping water level 120 ft.  
 • Stabilized yield 20 gpm after \_\_\_\_\_ hours  
 Natural Flow: Yes \_\_\_\_\_ No  Flow rate \_\_\_\_\_ gpm  
 Comment on quality \_\_\_\_\_  
 3. WATER ZONES: From 150 To 160  
 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 \_\_\_\_\_

Gravel pack  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Grout  
 • From 0 to 50' ft. Type Neat Cement  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_  
 Installed Watertight top  
largest casing pump @ approx 140'  
- you will encounter 4" casing @ approx 95'  
OVER  
 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 \_\_\_\_\_  
 (Support keeping torque  
 anchors & collars out of  
 4" casing)

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 pumping 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)

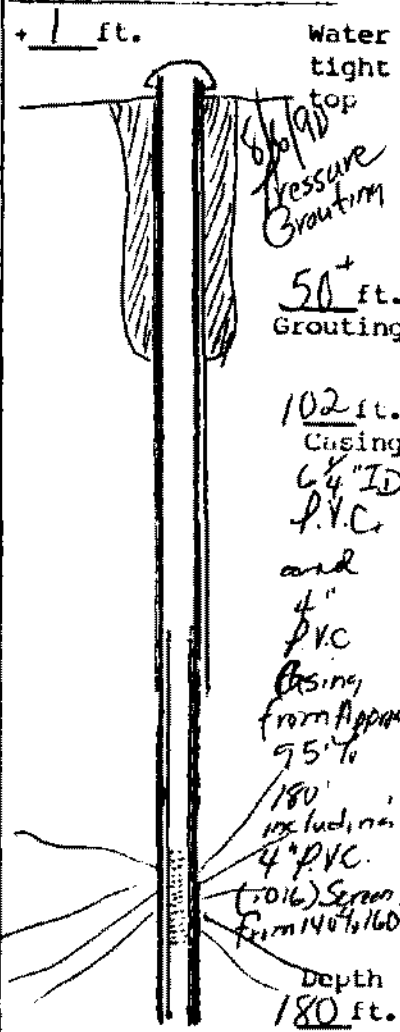
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, (etc.))
From	To		
0	10	Red clay	
10	20	yellow sand	
20	70	sand & gravel	
70	150	Blue clay	
150	160	Grey sand	— water zone
160	180	Brown clay	

Approximate  
Water Zones  
150 to 160

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL TO 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 \_\_\_\_\_

State Water Control Board Regional Offices

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

Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183

West Central Reg. Off.  
Executive Park  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7482

Piedmont Reg. Off.  
4010 West Broad Street  
P. O. Box 6616  
Richmond, Va. 23230  
804-257-1006

Tidewater Reg. Off.  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 23462  
804-499-8742

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

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 \_\_\_\_\_ Seal, Date 8/6/98  
 (Well driller or authorized person)  
 License No. \_\_\_\_\_