

114 North Hamilton St.  
Richmond, Va. 23230

Application of Completion/County Permit  
Telephoned & Debrah Debrah  
Magy III Designer Home  
2014 Quail Drive  
Stafford, Va. 22554  
659-9291

37A-22

County/City Stafford

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

Owner Benjamin R. Dodd  
Well Designation or Number \_\_\_\_\_  
Address 11 Ferguson Court  
Stafford, Va 22554  
Phone 659-8398  
Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
Phone (703) 898-6025

189-98-378 Kenneth R. Danielson  
7/7/88  
Tax Map I.D. No. 37A-22  
Subdivision Abel Lake Road  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot 22  
Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
IIB \_\_\_\_\_, IIIA , IIIB \_\_\_\_\_  
IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: 1 (feet/miles) West direction of Intersection of 6295/65  
and \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked) Left Lot or Left  
Date started 8/10/88 • Date completed 8/12/88 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

Total depth 510 ft.  
Depth to bedrock 43 ft.  
Hole size (Also include reamed zones)  
• 10 inches from 0 to 30 ft.  
• 8 1/2 inches from 30 to 43 ft.  
• 6 inches from 43 to 510 ft.  
Casing size (I.D.) and material  
• 6 1/4 inches from +1 to 43 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
507 • 4 inches from 3 to 510 ft.  
Material P.V.C. Well Casing - Liner - slotted from approx 100'  
Wt per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in. 4 480'  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
Material \_\_\_\_\_  
Wt per foot \_\_\_\_\_ or wall thickness \_\_\_\_\_ in.  
• 5/16 inch size and mesh for each zone (where applicable)  
• 4 inches from 100 to 480 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.

Approximate Drawdown 300 feet.  
2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
• Static water level (unpumped level measured) 130 ft.  
• Stabilized measured pumping water level 430 ft.  
• Stabilized yield 2 gpm after 1 hours  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_

3. WATER ZONES: From 130 To 131  
From 350 To 351 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 Magy III

Grout  
• From 0 to 20+ ft. Type Neat Cement  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_  
Installed Watertight Cap  
Support setting pump @ approx. 480'

9. State law requires submitting to the Virginia State Water Control Board information on all water wells with the depth of the well intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standing, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any geophysical logs, 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)

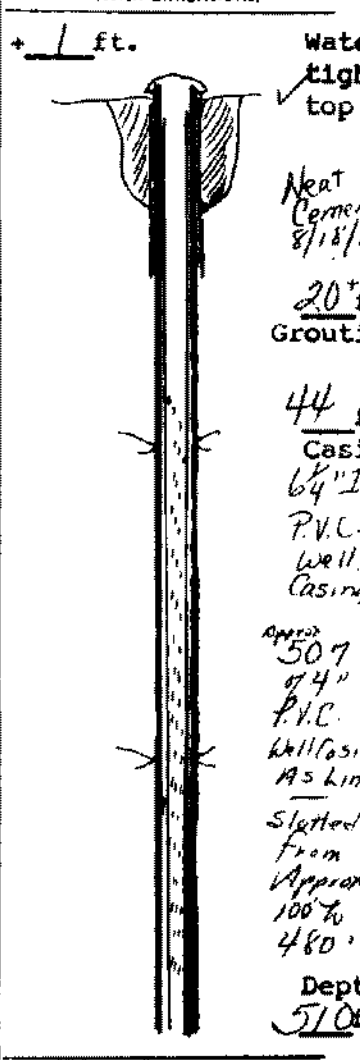
11.

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.)
From	To			
0	10	red clay		
10	30	brown micaceous formation		
30	43	soft blue rock		
43	510	graphite		



Approximate Water Zones  
130' to 131'  
and  
350' to 351'



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 Arthur D. Davidson (Seal), Date 8/18/88  
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  
5312 Peters Creek Road  
Roanoke, Va. 24019  
703-982-7432

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