

State Water Control Board  
P. O. Box 11143  
2111 North Hamilton St.  
Richmond, Va. 22230

(Certification of Completion/County Permit)

Contractor Robert Church  
James Construction  
Route 4, Box 1200  
Stafford, Va. 22554

County/City Stafford

County/City Stamp

\*Virginia Plane Coordinates  
N \_\_\_\_\_  
E \_\_\_\_\_  
Latitude & Longitude \_\_\_\_\_  
N \_\_\_\_\_  
W \_\_\_\_\_

\*Topo. Map No. \_\_\_\_\_  
\*Elevation \_\_\_\_\_ ft.  
\*Formation \_\_\_\_\_  
\*Lithology \_\_\_\_\_  
\*River Basin \_\_\_\_\_  
\*Province \_\_\_\_\_  
\*Type Logs D. L.  
\*Cuttings N. A.  
\*Water Analysis \_\_\_\_\_  
\*Aquifer Test \_\_\_\_\_

\*Owner For Sale  
\*Well Designation or Number \_\_\_\_\_  
Address \_\_\_\_\_  
Phone \_\_\_\_\_

\*Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
Phone (703) 898-6025

WELL LOCATION: 3/10 (feet/miles South direction) of 689 S 1306  
and 1/10 feet/miles E. (direction) of #1306  
(If possible please include map showing location marked)

Date started 2/19/85 • Date completed 2/20/85 Type rig Air Rotary

SWCB Permit \_\_\_\_\_  
County Permit \_\_\_\_\_

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

For Office Use  
30-170-3

Tax Map I.L. No. \_\_\_\_\_  
Subdivision \_\_\_\_\_  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_  
IIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

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

\*Total depth 207 ft.  
\*Depth to bedrock \_\_\_\_\_ ft.  
\*Hole size (Also include reamed zones)  
• 10 inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

\*Casing size (I.D.) and material  
• 6 1/4 inches from 71 to 207 ft.  
Material black steel  
Wt. per foot 13.16 or wall thickness .188 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)  
Clayey sand inches from 187 to 206 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 \_\_\_\_\_

\*Travel pack  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. 2/26  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. 18 bags

\*Grout  
• From 0 to 50 ft. Type Pressure Grouting  
• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement

Approximate Drawdown 75 feet

2. WATER DATA • Water temperature \_\_\_\_\_  
• Static water level (unpumped level measured) 33  
• Stabilized measured pumping water level \_\_\_\_\_  
• Stabilized yield 30 gpm after \_\_\_\_\_  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_

3. WATER ZONES: From 190 To 193  
From 197 To 200 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 seat \_\_\_\_\_  
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 \_\_\_\_\_

(Watertight Cap)  
OVER

Robert Church

Robert Branch  
James Coast

BWCM

Owner

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 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 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.

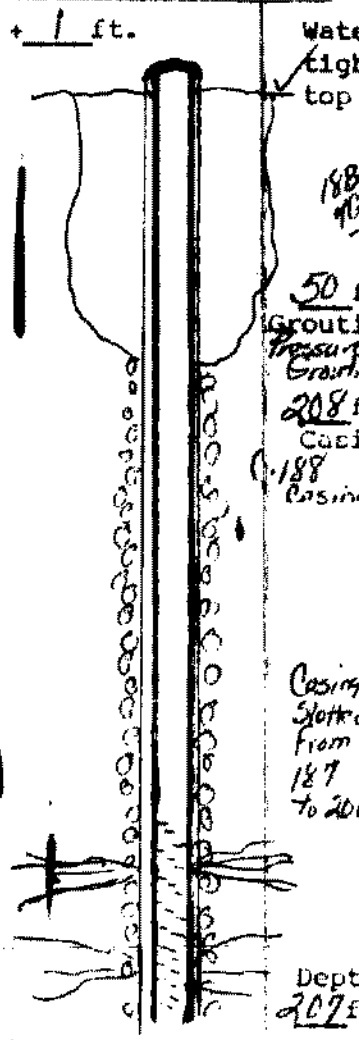
10. DRILLERS LOG (use additional Sheets if necessary)

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	yellowish-brown clay		
10	30	light brown sand & gravel		
30	70	blue marl		
70	90	brown clay		
90	150	reddish-brown clay		
150	190	brown clay		
190	193	sand & gravel		
193	197	brown clay		
197	200	sand & gravel		
200	207	brown clay		

Approximate water Zones  
190 to 193  
and  
197 to 200



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 Branch (Seal), Date 2/27/85  
(Well driller or authorized person)

License No. \_\_\_\_\_

State Water Control Board Regional Offices

- Valley Reg. Off.  
16 North Main Street  
P. O. Box 268  
Fayetteville, Va. 22812  
703-828-2545
- 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  
703-974-7482
- 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