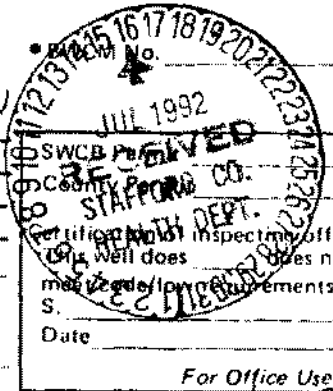


**COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT**

(Certification of Completion/County Permit)

Gerald Hwy  
1497 Harrisonville Road  
Stafford, Va. 22554  
752-1535



Stafford

County/City Stamp

• Owner Fred Goodman Jr  
• Well Designation or Number \_\_\_\_\_  
Address 1508 Harrisonville Rd  
Stafford Va. 22554  
Phone 752-1535  
• Drilling Contractor John L. Danielson, Jr., Inc.  
Address 4616 Hood Drive  
Fredericksburg, Virginia 22408  
Phone (703) 898-6025

For Office Use  
109-89-340 10/3/89 Dr. Smith  
Tax Map I.D. No. 29-39  
Subdivision Hollinswood Lane  
Section \_\_\_\_\_  
Block \_\_\_\_\_  
Lot \_\_\_\_\_  
Class Well: I \_\_\_\_\_ IIA \_\_\_\_\_  
IIB \_\_\_\_\_ IIIA \_\_\_\_\_ IIIB   
IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

Plane Coordinates  
N \_\_\_\_\_  
E \_\_\_\_\_  
Latitude & Longitude  
N \_\_\_\_\_  
W \_\_\_\_\_  
Topo. Map No. 182B  
• Elevation \_\_\_\_\_ ft.  
• Formation \_\_\_\_\_  
• Lithology \_\_\_\_\_  
• River Basin \_\_\_\_\_  
• Province \_\_\_\_\_  
• Type Logs D. L.  
• Cuttings N. A.  
• Water Analysis \_\_\_\_\_  
• Aquifer Test \_\_\_\_\_

WELL LOCATION: 3/4 (feet/miles) S. (direction) of 630 W. S. Hollinswood Lane  
and \_\_\_\_\_ (feet/miles) (direction) of \_\_\_\_\_  
(If possible please include map showing location marked)

Date started 6/12/92 • Date completed 6/15/92 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
• Total depth 400 ft.  
• Depth to bedrock 167 ft.  
• Hole size (Also include reamed zones)  
• 10 inches from 0 to 50 ft.  
• 8 3/4 inches from 50 to 167 ft.  
• 6 1/8 inches from 167 to 400 ft.  
• Casing size (I.D.) and material  
• 6 1/2 inches from +1 to 167 ft.  
Material Steel  
Wt per foot 13 lb. or wall thickness .187 in.  
• 4 inches from 160 to 280 ft.  
Material P.V.C.  
Wt per foot \_\_\_\_\_ or wall thickness Sch. 40 in.  
• 4 inches from 380 to 400 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 280 to 300 ft.  
• Mesh size .020 Type P.V.C.  
• 4 inches from 360 to 380 ft.  
• Mesh size .020 Type P.V.C.  
• \_\_\_\_\_ 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 \_\_\_\_\_

Approximate Drawdown 260 feet.  
2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_  
• Static water level (unpumped level-measured) \_\_\_\_\_ ft.  
• Stabilized measured pumping water level 100 ft.  
• Stabilized yield 1 gpm after 360 hours  
Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm  
Comment on quality \_\_\_\_\_  
3. WATER ZONES: From 180 to 180  
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 \_\_\_\_\_

Installed Watertight top  
Suggest setting pump @ approx 380'  
You will encounter 4" casing OVER approx. 160 Ft.

Owner Gerald Faye  
Roberson  
Rollerswood W.

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, or not. Information required includes: an accurately and completely prepared water well completion report, full data from any geophysical 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 the state. Some counties require submission of a water well completion report. The Virginia State Health Department requires a water report for public supply wells.

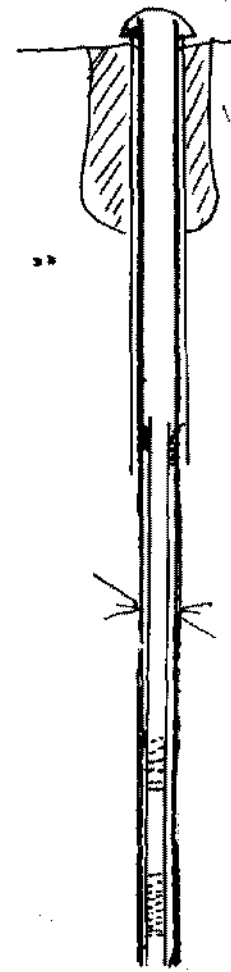
**Hilbert**  
 GREENWICH DRIVE

PROJECT: Rollerswood W.

10. DRILLERS LOG (use additional Sheets if necessary)

11. Drilling Time (Min.)  
 12. DIAGRAM & CONSTRUCTION (with dimensions)  
 Net to Scale  
 + 1 ft.

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Sandy Red Clay	Approximate Water Zones 180 to 181
10	40	Sand & Gravel	
40	70	Blue Clay	
70	167	Brown Clay	
167	400	Soft Black Shale	



50' ft Grout in  
 168 ft Casin  
 64" ID  
 188 Steel  
 and  
 4" PVC Casing  
 from  
 Approx  
 160' to  
 400 ft  
 including  
 4" PVC  
 (020) Screens fr  
 280% 306  
 300 to 380'  
 Depth  
 400 ft

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

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

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 [Signature] (Seal), Date 6/18/92  
 (Well driller or authorized person)

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