

WATER WELL COMPLETION REPORT

SWCB No. _____

State Water Control Board
P. O. Box 11143
2111 North Hamilton St.
Richmond, Va. 23230

(Certification of Completion/County Permit)

Cagle Builders
2163 Jefferson Davis Hwy - Suite 101
Stafford, Va 22554
659-1063

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 _____
• Squarer Test _____

• Owner Mary Bowling
• Well Designation or Number _____
Address _____
Phone _____
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

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

For Office Use
189-88-485 19/1/88 Rank Rn 401p
Tax Map I.D. No. 40-44A
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____ IIA _____
IIB IIA _____ IIB _____
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 3 (feet/miles) N. (direction) of Intersection of 666 & 630
and 1.500 (miles) East (direction) of #666 After State Maintenance
(If possible please include map showing location marked)

Date started 5/24/89 • Date completed 5/24/89 Type rig Air Rotary

Approximate Drawdown 50 feet.

WELL DATA: New Reworked _____ Deepened _____

• Total depth 118 ft.
• Depth to bedrock _____ ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 88 ft. *Unsuccessful*
• 6 7/8 inches from 88 to 118 ft. *Bores well*
• _____ inches from _____ to _____ ft. *Attempt*
• _____ inches from _____ to _____ ft. *Caving*
• _____ inches from _____ to _____ ft. *formal*
• Casing size (I.D.) and material
• 6 1/4 inches from +1 to 88 ft.
Material PVC. SDR 27
Wt. per foot _____ or wall thickness _____ in.
• 4 1/2 inches from 83 to 118 ft. *including 4 1/2" PVC*
Material P.V.C. SDR 17 - including 4 1/2" PVC
Wt. per foot _____ or wall thickness _____ in. *Screen*
• _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
• Screen size and mesh for each zone (where applicable)
• 4 1/2 inches from 98 to 118 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 _____

• Gravel pack
• From _____ to _____ ft.
• From _____ to _____ ft.
• Grout
• From 0 to 50' ft. Type Pressure Grouting
• From _____ to _____ ft. Type Neat Cement 5/24/89
(14 Barrels)

Installed Watertight Cap
Suggest setting pump @ approx 75'
OVER

2. WATER DATA • Water temperature _____ of _____
• Static water level (unpumped level-measured) +1 ft.
• Stabilized measured pumping water level 50 ft.
• Stabilized yield 40+ gpm after 1 hour
Natural Flow: Yes No _____, flow rate Approx 1/2 gpm
Comment on quality _____

WATER ZONES: From 100 To 116
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 Cagle Builders

Eagle Builders
 Owner Mary Bowling
Stafford #666 off 630

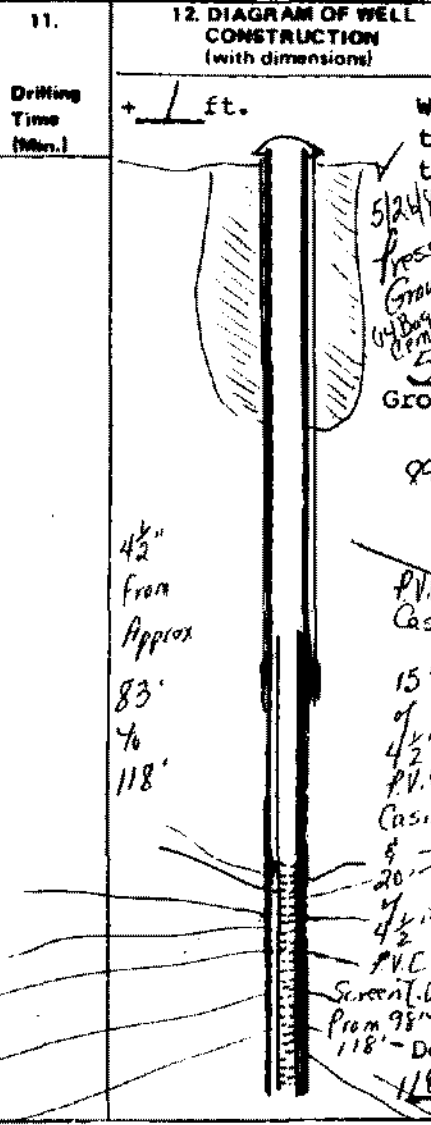
BWCM No. _____

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	2	topsoil	
2	35	sand & gravel	
35	80	Brown sandy clay	
80	100	grey sandy clay	
100	116	grey sand & gravel	
116	118	grey clay	

Approximate
 water zones
 100 to 116



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.

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
703-982-7432
- 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

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 Rosa T. Donahue (Seal), Date 5/27/89
 (Well driller or authorized person) License No. _____