

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

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

(Certification of Completion/County Permit)

L+D Homes
Carter Bailey
1016 Bailey Court
STAFFORD, VA 22554

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

County/City STAFFORD

County/City Stamp

- Virginia 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 _____

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

For Office Use
189-89-167 6-19-89
HOAR Road
Tax Map I.D. No. 30N-1
Subdivision Cobblestone
Section _____
Block _____
Lot 1
Class Well: I _____, IIA _____
IIB , IIIA _____, IIIB _____
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and 3/4 miles _____ (direction) of #630 - Dent Lane
(If possible please include map showing location marked)

Date started 10-2-89 • Date completed 10-2-89 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 140 ft.

• Depth to bedrock Sandwell ft.

• Hole size (Also include reamed zones)

- 10 inches from 0 to 69 ft.
- 6 inches from 67 to 140 ft.
- _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

- 6 1/4 inches from +1 to 69 ft.
- Material PVC Well Casing
- Wt. per foot _____ or wall thickness _____ in.

- 4 inches from 60 to 140 ft.
- Material PVC Well Casing - 1/2" - including PVC Screen From
- Wt. per foot _____ or wall thickness _____ in. Approx 110 lb

- _____ inches from _____ to _____ ft.
- Material _____
- Wt. per foot _____ or wall thickness _____ in.

• Screen size and mesh for each zone (where applicable)

- 4 inches from 110 to 140 ft.
- Mesh size 016 Type PVC
- _____ 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 6.5 ft. Type Neat Cement
- From _____ to _____ ft. Type _____

Water tight cap installed
Recommend hanging pump at approx 100 FT. OVER

Approximate Drawdown 50 feet.

- 2. WATER DATA • Water temperature _____
- Static water level (unpumped level-measured) 30
- Stabilized measured pumping water level 80
- Stabilized yield 30 gpm after _____ h
- Natural Flow: Yes _____ No _____, flow rate _____
- Comment on quality _____

- 3. WATER ZONES: From 115 To 135
- 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 L+D Homes

Owner L. J. Homes Carter Builders
Cobblestone #1

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.

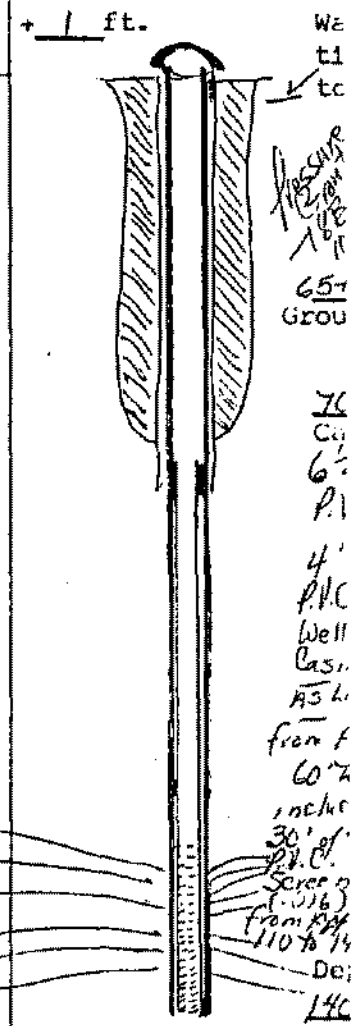
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Brown clay	Approximate Water Zones 115-135
10	30	Yellow sand	
30	65	Blue clay	
65	70	Sandstone	
70	115	Brown clay	
115	135	Grey sand	
135	140	Brown clay	

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL 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
703-982-7432
 - 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

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 10/7/89
 [Well driller or authorized person] License No. _____