

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

• BWCM No. _____

(Certification of Completion/County Permit)

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

County/City Stafford Co.

County/City Stamp

• Virginia Plane Coordinates
N _____
E _____
Latitude & Longitude
N _____
W _____

• Topo. Map No. _____
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs _____
• Cuttings _____
• Water Analysis _____
• Aquifer Test _____

• Owner (Luther C. Blake) Jim Tickle
• Well Designation or Number 189-87-435
Address 703 Spring Vale Dr.
Federicksburg Va 22405
Phone 373-3458

• Drilling Contractor Northern Va. Drilling Inc.
Address P.O. Box 1084
Wakesville Va. 22123
Phone 361-6859

SWCB Permit _____
County Permit _____

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

For Office Use
189-87-435

Tax Map I.D. No. 26-19A
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____, IIA _____
IIB _____, IIIA _____, IIIB
IIIC _____, IIID _____, IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____ direction) of _____
(If possible please include map showing location marked)

Date started 10/17/90 • Date completed 10/18/90 Type rig Air Rotary

I. WELL DATA: New Reworked _____ Deepened _____

• Total depth 260 ft.
• Depth to bedrock 68 ft.

• Hole size (Also include reamed zones)
• 10 inches from 0 to 78 ft.
• 6 1/2 inches from 78 to 260 ft.

• Casing size (I.D.) and material
• 6 1/2 inches from 0 to 80 ft.
Material Steel
Wt. per foot 13 or wall thickness .188 in.
Material _____
Wt. per foot _____ or wall thickness _____ in.
Material _____
Wt. per foot _____ or wall thickness _____ in.

• Screen size and mesh for each zone (where applicable)
• _____ inches from _____ to _____ 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.

• Grout
• From 0 to 50 ft., Type Cement
• From _____ to _____ ft., Type _____

2. WATER DATA • Water temperature _____ °C

• Static water level (unpumped level-measured) 60
• Stabilized measured pumping water level _____
• Stabilized yield 25 gpm after 1 hour
Natural Flow: Yes _____ No flow rate: _____ gpm
Comment on quality Clear

3. WATER LEVELS: From 160 To 162
From 196 To 197 From 238 To 240
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 _____

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.

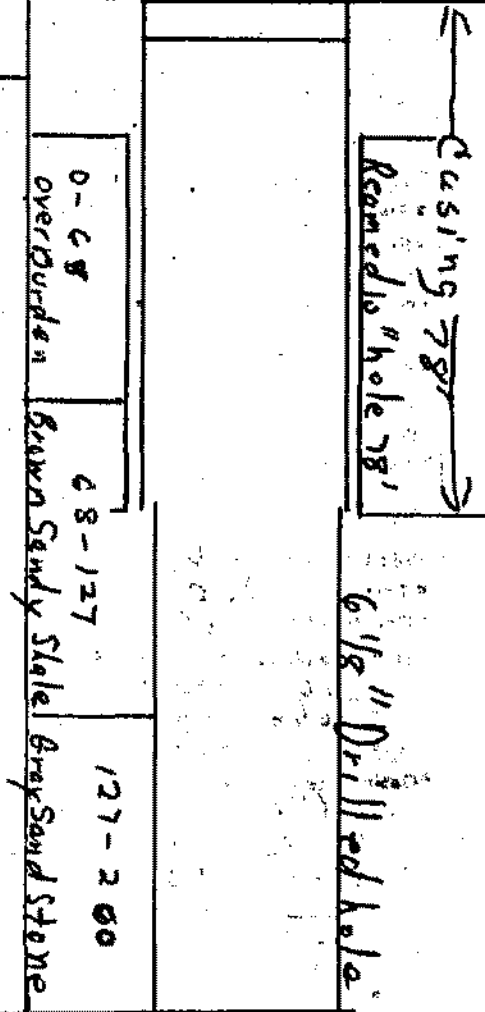
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, saving, cavities, broken, core, shot, etc.)
From	To		
0	68	Over Burden	
68	127	Brown Sandy Stone	
127	260	Gray Sand Stone	

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 _____

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 Keith Edlberry (Seal), Date 10/18/90
 (Well driller or authorized person) License No. 050736

- State Water Control Board Regional Offices**
- Valley Reg. Off.
16 North Main Street
P. O. Box 268
Ridgewater, Va. 22612
03-628-2595
 - Southwest Reg. Off.
28 East Main Street
P. O. Box 478
Abingdon, Va. 24210
03-628-5183
 - West Central Reg. Off.
Executive Park
312 Peters Creek Road
Danone, Va. 24019
03-882-7482
 - Piedmont Reg. Off.
4010 West Broad Street
P. O. Box 6516
Richmond, Va. 23230
804-257-1006
 - Tidewater Reg. Off.
287 Pembroke Office Park
Suite 310 Pembroke No. 2
Va. Beach, Va. 23462
804-498-8742
 - Northern Virginia Reg. Off.
5515 Cherokee Avenue
Suite 404
Alexandria, Va. 22312
703-750-9111