

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

(Certification of Completion/County Permit)

Cagle Builders
2163 Jefferson Davis Highway
Stafford, Va. 22554
659-1063

Board
Milton St.
Va. 23230

County/City Stafford

County/City Stamp

SWCB Permit _____
County Permit _____

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

For Office Use

31-20M

Tax Map I.D. No. _____
Subdivision Yellow Landing
Section _____
Block _____
Lot #1
Class Well: I _____, IIA _____
IIB _____, IIA _____, IIB _____
IIC _____, IID _____, IIE _____

- 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 - 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: 300 feet/miles N. direction of Intersection of 687 & 689
and _____ feet/miles _____ (direction) of _____
(if possible please include map showing location marked)

Date started 4/3/87 • Date completed 4/7/87 Type rig Air Rotary

Approximate Drawdown 60 feet.

I. WELL DATA: New Reworked _____ Deepened _____

- Total depth _____ 220 ft.
- Depth to bedrock _____ ft.
- Hole size (Also include reamed zones)
 - 10 inches from 0 to 55 ft.
 - 9 inches from 55 to 136 ft.
 - 6 3/4 inches from 136 to 220 ft.
- Casing size (I.D.) and material
 - 6 3/4 inches from +1 to 136 ft.
 - Material Steel
 - Wt. per foot 13.16 or wall thickness .188 in.
 - _____ inches from _____ to _____ ft.
 - Material _____
 - Wt. per foot _____ or wall thickness _____ in.
 - 5 1/4 inches from 133 to 220 ft.
 - Material Steel Liner - Slotted from 180' to 218'
 - 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 Pressure Grouting
 - From _____ to _____ ft. Type Neat Cement

2. WATER DATA • Water temperature _____ of _____

- Static water level (unpumped level measured) _____ ft.
- Stabilized measured pumping water level _____ ft.
- Stabilized yield 25 gpm after 1 hours
- Natural Flow: Yes _____ No _____ flow rate _____ gpm
- Comment on quality _____

3. WATER ZONES: From 190 To 200

- 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 _____

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

Installed Watertight Cap
Suggest setting pump @ approx 175
You will encounter level at approx OVER 133'

Owner

Cayle Deal
for Sale
Wellhead Landing #1

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells intended for water, or any other non-exempt well. This information must be submitted whether the well is completed. Information required includes: an accurately and completely prepared water well completion report, full data from any cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any pumpage and use reports are required from owners of public supply and industrial wells. County or State permits to drill may be required. 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.

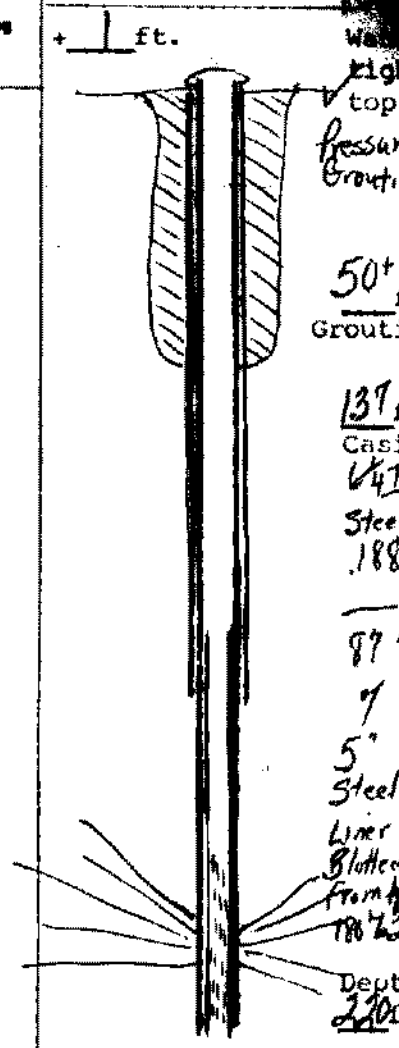
10. DRILLERS LOG (use additional Sheets if necessary)

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	red clay		
10	50	yellow sand		
50	90	sand & gravel		
90	120	sandstone		
120	136	brown clay		
136	190	blue clay		
190	200	gray sand	water	
200	220	brown clay		

Approximate Water Zones
190 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 _____

- 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
703-982-7482
 - 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

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 4/20/87
(Well driller or authorized person) License No. _____