

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

(Certification of Completion/County Permit)

Control Board
1743
Hamilton St.
and, Va. 23230
County/City Stafford

• Virginia Plane Coordinates
N _____
E _____
Latitude & Longitude
N _____
W _____
• Topo. Map No. 183D
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D. L.
• Cuttings N. N.
• Water Analysis _____
• Aquifer Test _____

County/City Stamp
Jesse Dodd
• Owner
• Well Designation or Number 105 Laurel Drive
Address 700 Broaden Drive
Fredericksburg, Va. 22406
Phone W. Stan Burton - 752-2681
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

Permit
County Permit
Certification of inspecting official:
This well does _____ does not
meet code/low requirements.
S: _____
For Office Use
Permit No. 189-0000054 4/8/88
Map I.D. No. 43-80 Part
Subdivision _____
Section _____
Block _____
Lot _____
Class Well I _____ IIA _____
IIB _____ IIA _____ IIB ✓
IIC _____ IID _____ IIE _____

WELL LOCATION: 1/2 feet/miles East direction of Intersection 656 & 670
and 4/10 feet/miles S (direction) of #656
(If possible please include map showing location marked) (*17 → L*670 → L on *656)
Date started 10/9/90 • Date completed 10/9/90 Type rig Air Rotary

WELL DATA: New _____ Reworked _____ Deepened _____
• Total depth 220 ft.
• Depth to bedrock 43 ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 54 ft.
• 6 3/8 inches from 54 to 220 ft.
• _____ inches from _____ to _____ ft.
• Casing size (I.D.) and material
• 6 1/2 inches from +1 to 54 ft.
Material P.V.C.
Wt. per foot _____ or wall thickness SDR 27 in.
• _____ inches from _____ to _____ ft.
Material _____
Wt. per foot _____ or wall thickness _____ in.
• _____ inches from _____ to _____ ft.
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 Neat Cement
• From _____ to _____ ft. Type _____

Approximate drawdown 130 feet.
2. WATER DATA • Water temperature _____
• Static water level (unpumped level measured) 30 ft.
• Stabilized measured pumping water level 160 ft.
• Stabilized yield 12 gpm after 1 hour
Natural Flow Yes _____ No ✓ flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 160 To 161
From 200 To 201 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 Waterlight top
Suggest seller pump @ app 180'
Pressure Grouting
10/10/90
OVER

Jesse Todd

Owner: Leafford #656 off 670 & 17

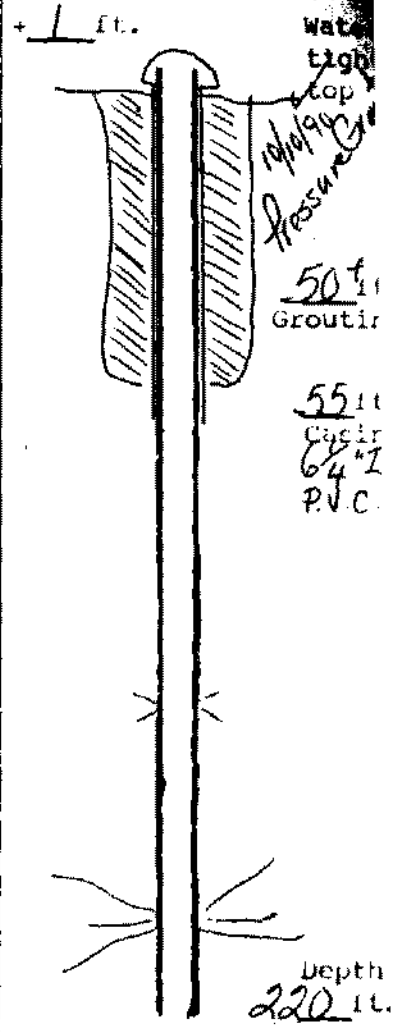
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for public supply, intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, all state information required includes: an accurately and completely prepared water well completion report, full data from any aquifer test, 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 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.))	Drilling Time (Min.)
From	To			
0	10	Red clay		
10	43	Brown Sandy Clay		
43	54	Soft brown shale		
54	110	Brown Rock		
110	150	Light grey rock - granite		
150	200	Dark grey rock		
200	220	Light grey rock		

Approximate
Water zones
160 to 161
and
200 to 201

11. Net 12. DIAGRAM OF CONSTRUCTION (with dimensions)



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

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 Anna T. Daniels (Well driller or authorized person) Seal, Date 10/10/90

License No. _____