

Sent to N.D. 6/16/88

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. 31-46A

Water Control Board
Box 11343
2011 North Hamilton St.
Richmond, Va. 23230

(Certification of Completion/County Permit)

Shelton Technology
Jeff Davis
Box 223
Fredericksburg, Va 22401

County/City Stamp 898-4565

County/City Stafford

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

Virginia Plane Coordinates
N _____
E _____
Latitude & Longitude
N _____
W _____
Topo. Map No 182A
Elevation _____ ft.
Formation _____
Lithology _____
River Basin _____
Province _____
Type Logs D. L.
Cuttings N. A.
Water Analysis _____
Aquifer Test _____

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

Tax Map I.D. No 31-9A
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 6/9/88 Date completed 6/14/88 Type rig Air Rotary
Approximate Drawdown 20 feet.

I. WELL DATA: New Reworked _____ Deepened _____
Total depth 158 ft.
Depth to bedrock _____ ft.
Hole size (Also include reamed zones)
• 10 inches from 0 to 112 ft.
• 6 inches from 112 to 158 ft.
Casing size (I.D.) and material
• 6 1/4 inches from +1 to 112 ft.
Material PVC
Wt. per foot _____ or wall thickness _____ in.
35 • 4 inches from 103 to 158 ft.
Material PVC with
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)
• 4 inches from 123 to 158 ft.
• Mesh size .013 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 50 to 112 ft.
• From _____ to _____ ft.
Grout
• From 0 to 50 ft. Type Neat Cement
• From _____ to _____ ft. Type _____

2. WATER DATA • Water temperature _____ of _____
• Static water level (unpumped level measured) 80 ft.
• Stabilized measured pumping water level 100 ft.
• Stabilized yield 25 gpm after 1 hours
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 125 To 135
From 145 To 155 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 Shelton Tech

Suggest setting pump @ approx 120'

Pressure Grouting
6/15/88
(28 bags cement)

Shelton Technology
 Owner Claude Allen

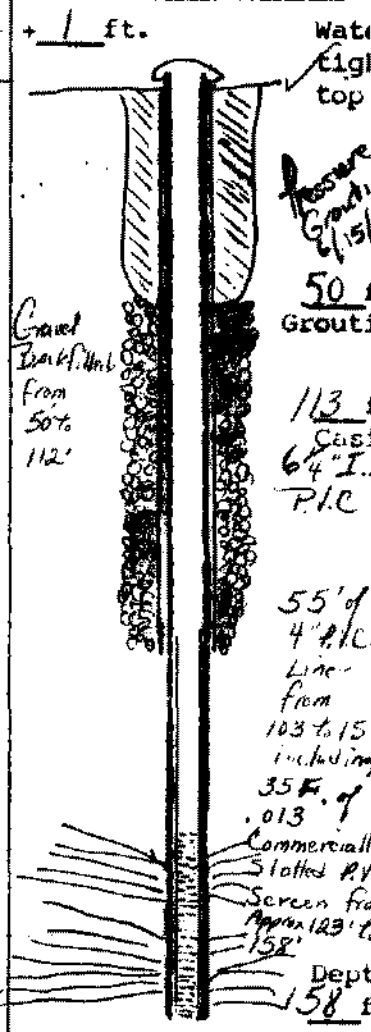
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping tests, 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, casing, cavities, broken, core, shot, etc.)
From	To		
0	20	red clay	
20	40	brown clay with mica	
40	105	brown clay	
105	158	sandstone	

Approximate
 Water Zones
 125% 135
 and
 145% 155

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 Claude Allen Date 6/15/88
 (Well driller or authorized person) License No. _____

- 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