

WEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

BWCM No.

28-42B

(Certification of Completion/County Permit)

Jelson Construction  
2432 Mountainview Rd.  
Stafford, Va 22554

County/City Stafford

25<sup>th</sup>-1010

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

189-89-325 <sup>1918</sup> 1918

Tax Map I.D. (No. 28-42B-1A)

Subdivision Shelton Family

Section       

Block       

Lot Parcel A

Class Well: I       , IIA       

IIIB       , IIIA       , IIIB       

IIIC       , IIID       , IIIE       

Virginia Plane Coordinates

Owner Dennis Shelton

Well Designation or Number       

Latitude & Longitude

Address 35 Guy Lane

Stafford, Va 22554

Phone 659-7256

549-3886

Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

Topo. Map No. 183A

Elevation        ft.

Formation       

Lithology       

River Basin       

Province       

Type Logs D. L.

Cuttings N. A.

Water Analysis       

Aquifer Test       

WELL LOCATION:        (feet/miles        direction) of Intersection 627 & Guy Lane

and        (feet/miles        direction) of       

(If possible please include map showing location marked) 3/4 miles East 627 & Guy Lane

Date started 1/17/90 Date completed 1/19/90 Type rig Air Rotary

Approximate Drawdown 280 feet.

WELL DATA: New  Reworked        Deepened       

Total depth 360 ft.

Depth to bedrock 94 ft.

Hole size (Also include reamed zones)

10 inches from 94 to 94 ft.

6 3/4 inches from 94 to 360 ft.

       inches from        to        ft.

Casing size (I.D.) and material

6 3/4 inches from +1 to 94 ft.

Material steel

Wt. per foot 136 or wall thickness 188 in.

       inches from        to        ft.

Material       

Wt. per foot 80 or wall thickness 300 in.

4 inches from 320 to 360 ft.

Material PVC Schedule 40

Wt. per foot        or wall thickness Schedule 40 in.

Screen size and mesh for each zone (where applicable)

4 inches from 300 to 320 ft.

Mesh size .016 Type P.V.C.

       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       

Installed Waterstop top

Copy of Settlement pressure approx 340'

Copy well encounter 4" hole approx 80'

Pressure central OVER 4" hole

2. WATER DATA \* Water temperature       

Static water level (unpumped level measured) 40

Stabilized measured pumping water level 320

Stabilized yield .5 gpm after 1 hour

Natural Flow: Yes        No  flow rate        gpm

Comment on quality       

3. WATER ZONES: From 120 To 121

From 320 To 331 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

50  
150 C OLDE GREEN

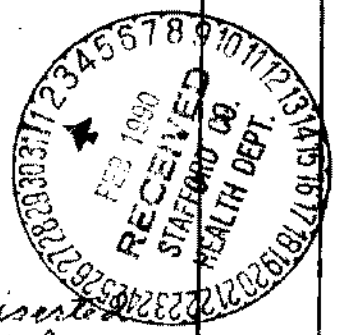
Bloom Construction  
Owner Dennis Shelton  
Slapped Guy Lane off 627

Shelton Family Parcel 4

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 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)				11.	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, [etc.])	Drilling Time (Min.)	+ <u>1</u> ft. <span style="float: right;">Water Tight top</span>
From	To				
0	10	red clay.			<p>120/90 PVC Casing 50+ ft Grout 95 ft Casin 64" I.D. 188 Steel 4" PVC Well Casing as liner from approx 80' to 360' including 4" PVC Casing from approx 300' to 360' Depth 360 ft.</p>
10	30	Micaceous formation/red			
30	45	Micaceous formation/brown			
45	65	Gravel (large)			
65	94	soft <del>blue</del> rock	inserted		
94	260	soft blue rock	4" liner		
260	360	hard blue rock			
Approximate Water Zones 120 to 121 and 230 to 234					



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 Dennis Shelton Date 1/28/90  
(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  
703-628-2595
  - Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5183
  - West Central Reg. Off.  
Executive Park  
9312 Peters Creek Road  
Roanoke, Va. 24019  
708-982-7432
  - 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