

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. SD-86-126

(Certification of Completion/County Permit)
Tolson Construction
2432 Mountain View Rd
Stafford, Va. 22554
753-1010

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

County/City Stafford

County/City Stamp

Virginia Plane Coordinates

N
E
Latitude & Longitude
N
W

Topo Map No. 183-A

Elevation

Formation

Lithology

River Basin

Province

Type Erosion

Cutthroat

Water Analysis

Aspirate Test

Owner (for Sale) Builder: Brad Galgen

Well Designation or Number Tom & Cheryl PENNELL

Address

Phone

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

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

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

For Office Use

25A-25

Tax Map I.D. No.

Subdivision Strawhouse Woods Estates

Section

Block

Lot 25

Class Well I IIA

II B III A ✓ III B

III C III D III E

WELL LOCATION: 3 (feet/miles North direction) of Rt #612 + Rt #649
and .5 (feet/miles West direction) of Rt #612
(If possible please include map showing location marked)

Date started 8/18/87 Date completed 8/19/87 Type of Well Air Rotary

Approximate Drawdown 50 feet.

WELL DATA New Reworked Deepened

Total depth 220 ft

Depth to bedrock 53 ft

Hole size (Also include reamed zones)

• 10 inches from 0 to 50 ft

• 8 inches from 50 to 100 ft

• 6 1/8 inches from 100 to 220 ft

Casing size (I.D.) and material

• 6 1/4 inches from +1 to 100 ft

Material Black Steel casing

Wt. per foot 13 lbs or wall thickness .188 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 20 ft. Type Neat Cement

• From to ft. Type

2 WATER DATA • Water temperature 75 of ft

• Static water level (unpumped level measured) 75 ft

• Stabilized measured pumping water level 125 ft

• Stabilized yield 5 gpm after 1 hour

Natural Flow: Yes No flow rate g pm

Comment on quality

3 WATER ZONES: From 200 To 201

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

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 Brad Galgen

Installed watertight top
pump set at m.p. @ approx 200'
OVER

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.

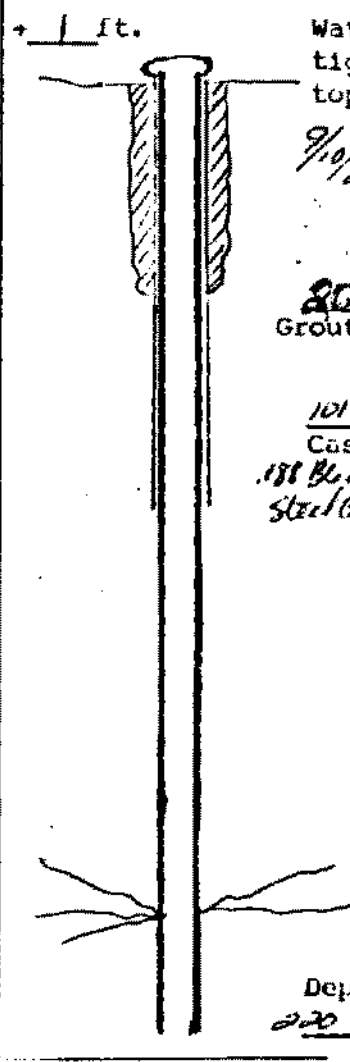
10. DRILLERS LOG (use additional Sheets if necessary)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	Brown clay	
10	30	Brown formation with mica	
30	60	Soft Brown rock	
60	100	Soft Blue rock	
100	220	Hard Blue rock	approximate water zones 200 to 202 ft

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.

State Water Control Board Regional Offices

Valley Reg. Off.
 116 North Main Street
 P. O. Box 268
 Bridgewater, Va. 22812
 703 828 2544

Fiedmont Reg. Off.
 4010 West Broad Street
 P. O. Box 6616
 Richmond, Va. 23230
 804 257 1006

Southwest Reg. Off.
 408 East Main Street
 P. O. Box 476
 Abingdon, Va. 24210
 703 628 5183

Tidewater Reg. Off.
 287 Penbrooke Office Park
 Suite 310 Pembroke No. 2
 Va. Beach, Va. 23462
 804 499 8742

West Central Reg. Off.
 Executive Park
 5312 Herd's Creek Road
 Roanoke, Va. 24019
 703 982 7432

Northern Virginia Reg. Off.
 5515 Cherokee Avenue
 Suite 404
 Alexandria, Va. 22312
 703 750 9111

Signature Asat. Daniels Date 7/10/87
 (Well driller or authorized person) License No. _____