

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

(Certification of Completion/County Permit)

• BWCM No. _____

Wilton St.
Va. 23230

County/City Stafford

County/City Stamp

Mark Carriger

• 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

• Well Designation or Number

Address

Phone

• Drilling Contractor

Address

Phone

WELL LOCATION: (feet/miles direction) of

and (feet/miles direction) of

(If possible please include map showing location marked) 3/4 miles E of 6895 13-06
Near Willow Landing

Date started 6/16/88

• Date completed 6/17/88

Type rig Air Rotary

Approximate Drawdown 85 feet.

1. WELL DATA: New Reworked _____ Deepened _____

• Total depth 200 ft.

• Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)

• 10 inches from 0 to 87 ft.

• 6 inches from 87 to 200 ft.

• _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

• 6 1/4 inches from +1 to 87 ft.

Material Steel

Wt. per foot 13.6 or wall thickness .188 in.

• _____ inches from _____ to _____ ft.

Material _____

Wt. per foot _____ or wall thickness _____ in.

124 • 5 1/4 inches from 76 to 200 ft.

Material Steel Well Casing, 2 1/2" - Slotted from 170

Wt. per foot _____ or wall thickness _____ in. to 195

• Screen size and mesh for each zone (where applicable)

• 5 1/4 inches from 170 to 195 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 18 bags ft.

• Grout 7-9-88 (JR + Jokers) Pressure Grouting

• From 0 to 50+ ft. Type Neat Cement

• From _____ to _____ ft. Type _____

Installed Waterlight top

Sequest setting pump approx 160

2. WATER DATA • Water temperature _____ of

• Static water level (unpumped level-measured) 75 ft

• Stabilized measured pumping water level 140 ft

• Stabilized yield 25 gpm after _____ hours

Natural Flow: Yes _____ No , flow rate _____ g pm

Comment on quality _____

3. WATER ZONES: From 170 To 185

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 Mark Carriger

Owner Carringer

Twin Oaks 181 B
Leased off 689 11306

PROJECT: ALBERT
1000 OLD GREENWICH DRIVE

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well 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 pump-out test, cuttings taken at ten-foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geophysical logs. 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, caving, cavities, broken, core, shot, (etc.))
From	To		
0	10	red clay	
10	40	yellow sand	
40	70	blue clay	
70	88	sand & gravel	
88	175	red clay, blue & yellow clay	
175	195	sand	
195	200	brown clay	

Drilling Time (Min.)

+ L ft.

Water table top

Pressure
79.15
16.875
30.5
Grout

89'
Cas.
64'
Steel
Log
124'
5.5'
Line

Approximate Water Zones
170-185

5/16" from
170'
195'
Dept
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
703-982-7432
 - 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

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] Date 7/12/88
(Well driller or authorized person) License No. _____