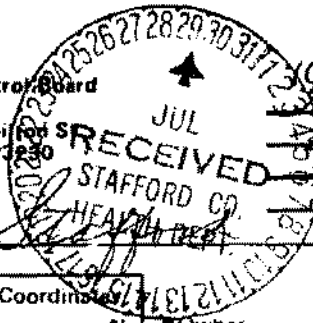


WATER WELL COMPLETION REPORT

• BWCM No. _____

State Water Control Board
P. O. Box 11143
2111 North Hampton Road
Richmond, Va. 23230



Certification of Completion/County Permit

Owner: Winston S. Baltzell
Address: 2432 Meadowbrook Rd
Stafford Va 22554
Phone: 752-1010

County/City: Stafford

County/City Stamp

Winston S. Baltzell

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. 182B
• Elevation _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D. L.
• Cuttings N. A.
• Water Analysis _____
• Aquifer Test _____

• Well Designation or Number _____
Address: General Delivery
Harrisonville, Va. 22463
Phone: 659-7984

• Drilling Contractor: John L. Danielson, Jr., Inc.
Address: 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone: (703) 898-6025

189-88-120 Karl Anderson
3/28/88
Tax Map I.D. No. 28-127A
Subdivision _____
Section _____
Block _____
Lot _____
Class Well: I _____ IIA _____
IB IIIA _____ IIIB _____
IIC _____ IID _____ IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ feet/miles _____ (direction) of _____
(If possible please include map showing location marked) SE side of #648 NE of 630

Date started 7/4/88 • Date completed 7/8/88 Type rig Air Rotary

I. WELL DATA: New Reworked _____ Deepened _____

• Total depth _____ 300 ft.
• Depth to bedrock _____ ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 60 ft.
• 6 inches from 60 to 300 ft.
• _____ inches from _____ to _____ ft.
• Casing size (I.D.) and material
• 64 inches from +1 to 60 ft.
Material Steel
Wt. per foot 13.88 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 50+ ft. Type Pressure Grouting
Neat Cement 7/15/88
16 Bags (about)
• From _____ to _____ ft. Type _____
Installed watertight top
Suggest setting pump @ 280'

Approximate Drawdown 225 feet.

2. WATER DATA • Water temperature _____ of _____
• Static water level (unpumped level-measured) 35 ft.
• Stabilized measured pumping water level 260 ft.
• Stabilized yield 4 1/2 gpm after _____ hours
Natural Flow: Yes _____ No _____, flow rate _____ gpm
Comment on quality _____

3. WATER ZONES: From 90 To 91
From 270 To 271 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 M. Baltzell & Son
(Carl Jackson 752-010)

Owner Baldwin
Stafford #648

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) | | | REMARKS (water, caving, c. vities, broken, core, shot, (etc.) | 11. Drilling Time (Min.) | 12. DIAGRAM OF WELL CONSTRUCTION (with dimensions) |
|---|-----|--|--|--------------------------|--|
| DEPTH (feet) From | To | TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.) | | | |
| 0 | 10 | overburden | | | |
| 10 | 40 | sandstone | | | |
| 40 | 300 | blue slate & granite | | | |
| | | | Approximate Water Zones 90 to 91 270 to 271 | | |

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 David T. Danielson (Seal), Date 7/15/88
 (Well driller or authorized person) License No. _____