

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

• BWCM No. _____

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

(Certification of Completion/County Permit)

Res. Bracher
P. O. Box 352
Harrisonville, Va. 22463
659-7978

25C-3-34

County/City Stafford

County/City Stamp _____

- Virginia Plane Coordinates
 - N _____
 - E _____
 - Latitude & Longitude _____
 - N _____
 - W _____
- Topo. Map No. 183A
- Elevation _____ ft.
- Formation _____
- Lithology _____
- River Basin _____
- Province _____
- Type Logs D. L.
- Cuttings N. A.
- Water Analysis _____
- Aquifer Test _____

• Owner For Sale

• Well Designation or Number _____

Address _____

Phone _____

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

Address 4616 Hood Drive
Fredericksburg, Virginia 22401

Phone (703) 898-6025

WELL LOCATION: 3/4 (feet/miles) N (direction) of _____
and _____ (feet/miles) (direction) of _____
(If possible please include map showing location marked)

Date started 10/4/90 • Date completed 10/4/90 Type rig all Rotary

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

For Office Use
189-89-288 *Richardson*
Tax Map I.D. No. 25-49-3-34
Subdivision Blake Farm
Section 3
Block _____
Lot 34
Class Well I IIA _____
IIB IIIA _____ IIIB _____
IIIC _____ IIID _____ IIIE _____

Intersection 649 Blake Farm

WELL DATA New Heworked _____ Deepened _____

• Total depth 180 ft

• Depth to bedrock 102 ft

• Hole size (Also include reamed zones)

- 10 inches from 0 to 102 ft.
- 6 3/8 inches from 102 to 180 ft.
- _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

- 6 1/4 inches from +1 to 102 ft
- Material P.V.C.
- Wt. per foot _____ or wall thickness SDR 27 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 Grout
- From _____ to _____ ft. Type New Cement
- From _____ to _____ ft. Type _____

Installed Waterstop Top
Suggest setting pump @ approx 100

Approximate drawdown 50 feet.

2. WATER DATA • Water temperature _____

- Static water level (unpumped level measured) 30
- Stabilized measured pumping water level 80
- Stabilized yield 25 gpm after 1 hr
- Natural Flow: Yes _____ No flow rate _____ gpm
- Comment on quality _____

3. WATER ZONES: From 169 To 171

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 _____

ABANDONMENT (where applicable) • yes _____ no _____

Casing pulled yes _____ no _____ not applicable _____
Plugging grout From _____ to _____ material _____
Pump installed through Res Bracher

OVER

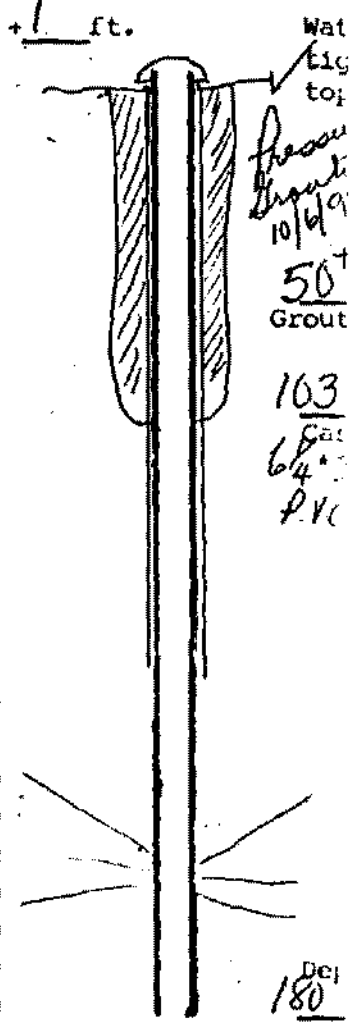
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well made in the State intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, on standby, or abandoned. Information 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.)	Drilling Time (Min.)
From	To			
0	10	Red clay		
10	30	Mucaceous formation / red		
30	70	Mucaceous formation / Brown		
70	102	soft brown shale		
102	186	Blue granite		

Approximate water zones
169-171

11. Not To Scale
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 _____

- 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
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 *Anna H. Daneshmandi* (Seal) Date *10/8/90*
 (Well driller or authorized person) License No. _____