

**COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT**

BWCM No. 25C-1-2

(Certification of Completion/County Permit)

Control Board
11143
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 _____ ft.
• Formation _____
• Lithology _____
• River Basin _____
• Province _____
• Type Logs D, L
• Cuttings N, A
• Water Analysis _____
• Aquifer Test _____

• Owner Charles + Janette Beach
• Well Designation or Number _____
Address 18013 Brush Lane
Tasangle, Va. 22172
Phone (703) 221-8358

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

SWCB Permit _____
County Permit _____

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

For Office Use
189-88-629 Aris Mandoulis
2/15/89

Tax Map I.D. No. 25-49-2
Subdivision Blake Farms
Section _____
Block _____
Lot #2
Class Well I _____ IIA _____
IIB IIA _____ IIB _____
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____) (direction) of _____
(If possible please include map showing location marked) 3/4 mile South of Rte 612 + 649
Date started 8/2/89 • Date completed 8/3/89 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 140 ft.
• Depth to bedrock 60 ft.

• Hole size (Also include reamed zones)
• 10 inches from 0 to 60 ft.
• 8 1/2 inches from 60 to 116 ft.
• 6 inches from 116 to 140 ft.

• Casing size (I.D.) and material
• 6 1/4 inches from +1 to 116 ft.
Material Black Steel
Wt. per foot _____ 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 Neat Cement
• From _____ to _____ ft., Type _____

Approximate Drawdown 15 feet.

2. WATER DATA • Water temperature _____ °F
• Static water level (unpumped level-measured) 60 ft.
• Stabilized measured pumping water level 75 ft.
• Stabilized yield 30 gpm after 1 hours
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality _____

3. WATER ZONES: From 131 To 132
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 Charles + Janette Beach

*Water tight cap installed
Suggest setting pump at 90ft*

5 Ur
 Department of Health
 10

Owner Charles + Jeanette Beach
Blake Farm to
Stafford Co. Va. 612-649

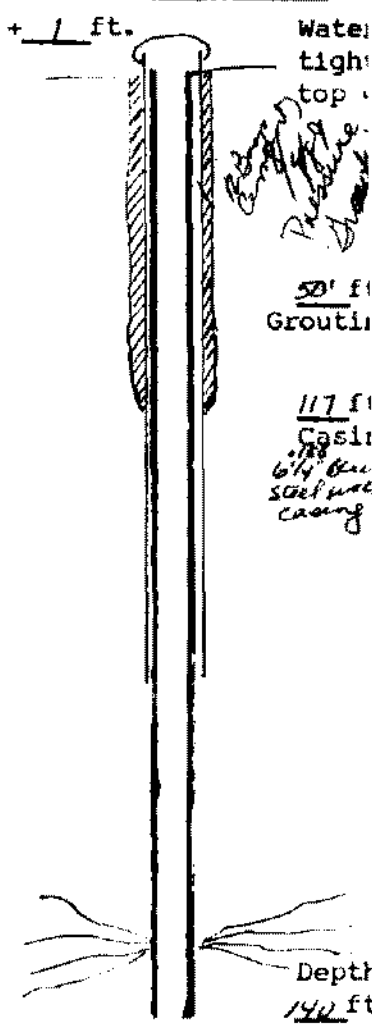
9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every well intended for water, or any other non-exempt well. This information must be submitted whether the well is completed, abandoned, or in the process of construction. Information required includes: an accurately and completely prepared water well completion report, full data from any aquifer pumping 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)

DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, casing, cavities, broken, core, shot, (etc.))	Drilling Time (Min.)
From	To			
0	10	Red Clay		
10	30	Red formation with mica		
30	60	Brown formation with mica		
60	116	Soft brown shale		
116	140	Hard Blue rock (granite)		

Approximate
Water Zones
131-132 ft

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
703-828-2595
 - Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Abingdon, Va. 24210
703-628-5183
 - West Central Reg. Off.
Executive Park
3312 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 A. Davidson 8/7/89
 (Well driller or authorized person)
 License No. _____