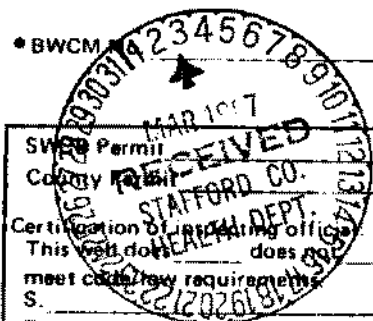


COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT
 (Certification of Completion/County Permit)



Control Board
 1143
 North Hamilton St.
 Richmond, Va. 23230

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates

N _____

E _____

Latitude & Longitude

N _____

W _____

• Topo. Map No. 182C

• Elevation _____ ft.

• Formation _____

• Lithology _____

• River Basin _____

• Province _____

• Type Logs D. L.

• Cuttings N. A.

• Water Analysis _____

• Aquifer Test _____

• Owner Mr & Mrs Dan Cumberland

• Well Designation or Number _____

Address Route 11 Box 1157
Fredericksburg, VA 22405

Phone 373-8395
373-3590

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

Address 4616 Hood Drive
Fredericksburg, Virginia 22401

Phone (703) 898-6025

SWC Permit _____

County Permit _____

Certification of completion official _____

This well does _____

meet code requirements _____

S. _____

Date _____

For Office Use

5D-86-329 Rest Rudolph
4/7/86

Tax Map I.D. No. 59-39

Subdivision _____

Section _____

Block _____

Lot _____

Class Well I _____ IIA _____

IIIB _____ IIIA _____ IIIB

IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 1 1/2 feet/miles N direction of intersection of 608 E 604
 and 3/10 feet/miles E (direction) of # 604
 (If possible please include map showing location marked)

Water rose 3 ft. in 30 min. @ time of installation

24" I.D. casing holds 23.5 gal. of water per foot.

Date started 2/16/87 • Date completed 2/16/87 Type rig Boring Rig

Approximate Drawdown 40 ft.

1. WELL DATA: New Reworked _____ Deepened _____

• Total depth _____ ft. 86

• Depth to bedrock _____ ft.

• Hole size (Also include reamed zones)

• 39 inches from 0 to 20 ft.

• 29 inches from 20 to 86 ft.

• _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

• 24 inches from +1 to 86 ft.

Material Cement concrete casing

Wt. per foot _____ or wall thickness _____ 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 _____ to _____ ft., Type _____

• From _____ to _____ ft., Type _____

2. WATER DATA • Water temperature _____ °F

• Static water level (unpumped level measured) 20 ft.

• Stabilized measured pumping water level 60 ft.

• Stabilized yield 10 gpm after _____ hours of installation

Natural Flow: Yes _____ No _____, flow rate _____ gpm

Comment on quality _____

3. WATER ZONES: From 20 To 25

From 40 To 45 From _____ To _____

From _____ To _____ From _____ To _____

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 _____ Rate/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 installation through Box Cumberland

95' casing
 24" I.D.
 20' depth
 10' yield
 30 min. rise

Ernsting

