

County/City Stafford

Albert K. Kitch  
128 Old Stage Coach Road  
Dumfries, Va 22026  
(703) 221-8510

County/City Stamp

(for sale)

• Virginia Plane Coordinates

N \_\_\_\_\_

E \_\_\_\_\_

Latitude & Longitude

N \_\_\_\_\_

W \_\_\_\_\_

• Topo. Map No. 182-A

• 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 John L. Danielson, Jr., Inc.

Address 4616 Hood Drive

Fredericksburg, Virginia 22401

Phone (703) 898-6025

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of \_\_\_\_\_

and \_\_\_\_\_ feet/miles \_\_\_\_\_ (direction) of \_\_\_\_\_

(if possible please include map showing location marked) (off rd 655 + 608)

Date started 8/1/89 • Date completed 8/1/89 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth 308 ft.

• Depth to bedrock N.A. (Sand Well) ft.

• Hole size (Also include reamed zones)

• 7 7/8 inches from 0 to 308 ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

• 4 1/2 inches from +1 to 308 ft.

Material PVC well casing (includes #10 ft 4" 1/2" PVC Screen)

Wt. per foot \_\_\_\_\_ or wall thickness SDR 17 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)

• 4 1/2 inches from 288 to 308 ft.

• Mesh size .016 Type PVC well casing

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Mesh size \_\_\_\_\_ Type \_\_\_\_\_

• Gravel pack

• From 50 to 308 ft. Outside casing

• From \_\_\_\_\_ to \_\_\_\_\_ ft.

• Grout

• From 0 to 50 ft. Type Neat Cement Pressure grouting started

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

Watertight cap installed  
Suggested sitting pump at 220 ft  
Pumped 15 G.P.M. @ 220' on 8/1/89

OVER

SWCB Permit \_\_\_\_\_

County Permit \_\_\_\_\_

Certification of inspecting official:  
This well does \_\_\_\_\_ does not \_\_\_\_\_  
meet code/low requirements.

S. \_\_\_\_\_

Date \_\_\_\_\_

For Office Use  
189-89-182 Karl W Zudolph  
6/19/89

Tax Map I.D. No. 40A-12

Subdivision Windsor

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot 12

Class Well I \_\_\_\_\_ IIA \_\_\_\_\_

IIA  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_

IIIC \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

Approximate Drawdown 80 feet.

2. WATER DATA • Water temperature \_\_\_\_\_

• Static water level (unpumped level-measured) 100

• Stabilized measured pumping water level 180

• Stabilized yield 30 gpm after \_\_\_\_\_

Natural Flow: Yes \_\_\_\_\_ No  flow rate \_\_\_\_\_ gpm

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 288 To 308

From \_\_\_\_\_ To \_\_\_\_\_ 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 \_\_\_\_\_ 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 \_\_\_\_\_

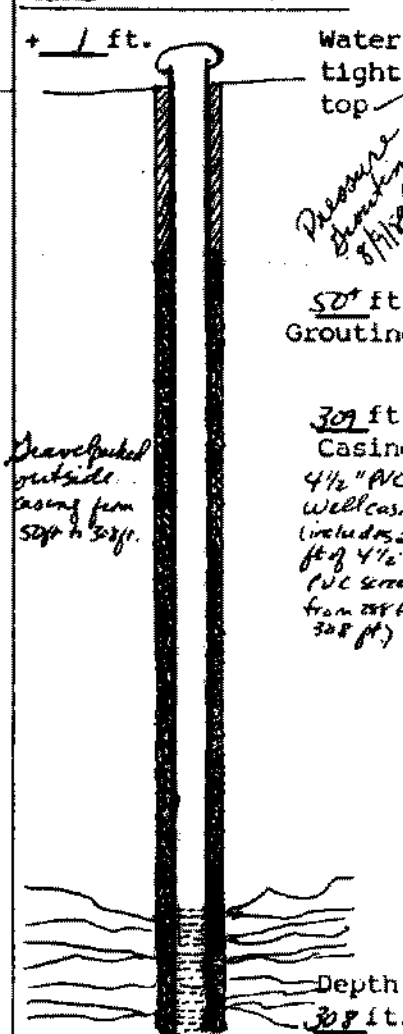
Pump installed through Tatas Technology

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.)
From	To		
0	10	red sandy soil	Approximate Water Zones 288 - 308 ft
10	30	yellow sand	
30	230	black sand and shells	
230	250	brown clay	
280	307	grey sand	
307	308	grey clay	

11. Drilling Time (Min.)

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 \_\_\_\_\_

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.

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 Cherokees Avenue  
 Suite 404  
 Alexandria, Va. 22312  
 703-750-9111

Signature Arthur N. Daniels Date 9/10/89  
 (Well driller or authorized person) License No. \_\_\_\_\_