

County/City Stafford

County/City Stamp

SWRC Permit
County Permit
Certification of inspecting official:
This well 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

• Owner Nikolaus & Margaret Smith
• Well Designation or Number
Address 12322 Holly Brook Court
Woodbridge, Va. 22192
Phone 703-657-9201 1-491-2379
• Drilling Contractor John L. Danielson, Jr., Inc.
Address 4616 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

189-97-257 M. Nowman
5-21-87
Tax Map I.D. No. 26A-26
Subdivision Robert Cap. Hill
Section
Block 20H-2-26
Lot *26
Class Well I IIA
II B IIIA III B
II C III D III E

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

and (feet/miles) (direction) of

(If possible please include map showing location marked 1/2 mile W. of Intersection 641 & 60)

Date started 9/14/87 • Date completed 9/17/87 Type of Air rotary

Approximate drawdown 150 feet.

1. WELL DATA New Reworked _____ Deepened _____
• Total depth 400 ft.
• Depth to bedrock 62 ft.
• Hole size (Also include reamed zones)
• 10 inches from 0 to 62 ft.
• 6 7/8 inches from 62 to 400 ft.
• _____ inches from _____ to _____ ft.
• Casing size (I.D.) and material
• 6 7/8 inches from +1 to 62 ft.
Material steel
Wt. per foot 13.14 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 _____

2. WATER DATA • Water temperature _____
• Static water level (unpumped level measured) 60
• Stabilized measured pumping water level 210
• Stabilized yield 2 gpm after 1 hr. no
Natural Flow: Yes _____ No Flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 120 To 122
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 _____
Jugging grout From _____ to _____ material _____
pump installed through Neat Cement

Pressure Grouting 9/26/87
Installed Waterlight Top
Suggest setting pump @ approx. 380'
OVER

9. State law requires submitting to the Virginia State Water Control Board information intended for water, or any other non-potable use. This information must be submitted whether the well is completed, or abandoned. Information required includes an accurately and completely prepared water well completion report, full data from loggings, cuttings taken at ten foot intervals (unless exemption is secured), the results of any chemical analyses, and copies of any geologic maps. 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)

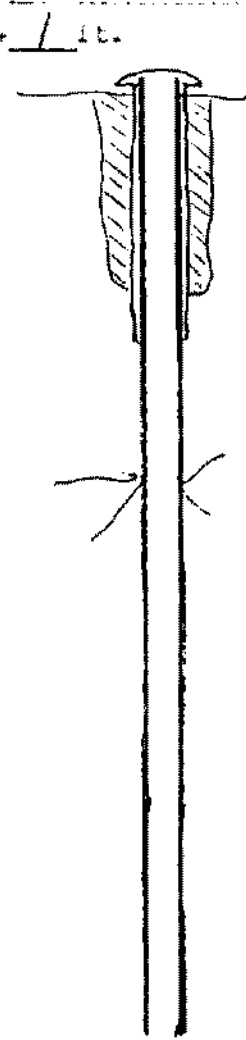
DEPTH (feet)		TYPE OF ROCK OR SOIL (color, material, fossils, hardness, etc.)	REMARKS (water, caving, cavities, broken, core, shot, etc.)
From	To		
0	10	red clay	
10	30	red micaceous formation	
30	62	brown micaceous formation	
62	400	hard black granite	

Approximate
Water zones
120 to 122

11.

Drilling Time (Min.)

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)



Water tight
9/24/87
Pressure
Grout
38
50
Grout

63
Casi
64
Steel
.188

Depth
400

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.

Signature Robert D. Duvall (Seal), Date 9/24/87
(Well driller or authorized person)

License No. _____

- State Water Control Board Regional Offices**
- Valley Reg. Off.
116 North Main Street
P. O. Box 268
Bridgewater, Va. 22612
703 828 2595
 - Southwest Reg. Off.
408 East Main Street
P. O. Box 476
Arlington, 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