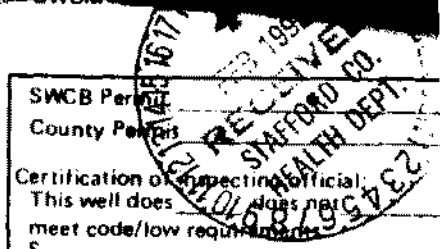


State Department of Health  
 Division of Virginia

(Certification of Completion/County Permit)

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



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 Zaki Arslan

• Well Designation or Number \_\_\_\_\_

Address 7419 Little River Turnpike ANNAN Dale Va. 22013

Phone 1-703-354-1069

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

Address 4616 Hood Drive Fredericksburg, Virginia 22406

Phone (703) 898-6025

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

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

Certification of inspecting official: \_\_\_\_\_

This well does \_\_\_\_\_ meet code/low requirements \_\_\_\_\_

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

Date \_\_\_\_\_

For Office Use

Tax Map I.D. No. 35-64-B

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

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

IB \_\_\_\_\_ IIA \_\_\_\_\_ IIB

IIC \_\_\_\_\_ IID \_\_\_\_\_ IIE \_\_\_\_\_

WELL LOCATION: 200 feet/miles East (direction) of \_\_\_\_\_

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

(If possible please include map showing location marked)

Date started 11/8/91 • Date completed 11/8/91 Type rig Air Rotary

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

• Total depth 140 ft.

• Depth to bedrock 54 ft.

• Hole size (Also include reamed zones)

- 10 inches from 0 to 54 ft.
- 6 3/8 inches from 54 to 140 ft.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.

• Casing size (I.D.) and material

- 6 3/4 inches from +1 to 54 ft. Material P.V.C.
- Wt per foot \_\_\_\_\_ or wall thickness SDR 27 in.
- 4 inches from 50 to 100 ft. Material P.V.C.
- Wt per foot \_\_\_\_\_ or wall thickness Sch 40 in.
- 4 inches from 120 to 140 ft. Material P.V.C.
- Wt per foot \_\_\_\_\_ or wall thickness Sch 40 in.

• Screen size and mesh for each zone (where applicable)

- 4 inches from 100 to 120 ft. Mesh size 0.20 Type P.V.C.
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft. Mesh size \_\_\_\_\_ Type \_\_\_\_\_
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft. Mesh size \_\_\_\_\_ Type \_\_\_\_\_
- \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft. Mesh size \_\_\_\_\_ Type \_\_\_\_\_

Approximate Drawdown 60 feet.

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

- Static water level (unpumped level-measured) 20
- Stabilized measured pumping water level 80
- Stabilized yield 30 gpm after \_\_\_\_\_ hours

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

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

3. WATER ZONES: From 112 To 114

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. WELL HEAD: 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 \_\_\_\_\_

• Gravel pack \_\_\_\_\_

- From \_\_\_\_\_ to \_\_\_\_\_ ft.
- From \_\_\_\_\_ to \_\_\_\_\_ ft.

• Grout 0 to 50' ft. Type Neat Cement

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

Installed Wateright top

Suggest setting pump @ approx. 100'

Pumped 15 G.P.M. @ 100' OVER on 11/8/91

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 \_\_\_\_\_

Equip installed through \_\_\_\_\_

you will encounter 4" @ approx. 50'

8116  
STATE OF VIRGINIA

3rd Arden  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

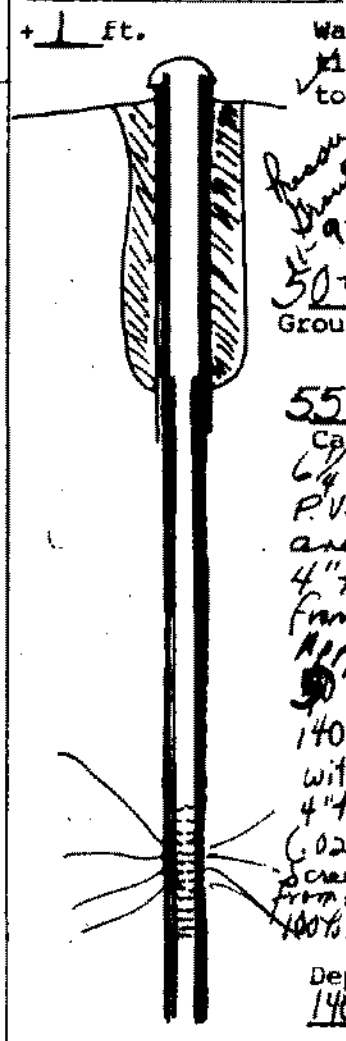
BWCM No. \_\_\_\_\_

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	Micaceous formation/Red		
30	50	Micaceous formation/Brown		
50	54	soft Brown Shale	soft areas	
54	140	Soft blue shale	set 4" liner & P.V.C. Screen	
			Approximate Water zones	
			112-6-114	

11. Net 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  
703-982-7452
- 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

Signature \_\_\_\_\_ Date 11/9/91  
 (Well driller or authorized person) License No. \_\_\_\_\_