

WATER WELL COMPLETION REPORT

•BWCM No. Nov 16 1990

(Certification of Completion/County Permit)

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

County/City Stafford County
County/City Stamp

SWCB Permit	_____
County Permit	<u>189-90-55</u>
Certification of inspecting official: This well does _____ does not _____ meet code/flow requirements. S: _____ Date _____	
For Office Use	

• Virginia Plane Coordinates	_____ N
_____ E	_____
Latitude & Longitude	_____ N
_____ W	_____
• Topo. Map No.	_____
• Elevation	_____ ft.
• Formation	_____
• Lithology	_____
• River Basin	_____
• Province	_____
• Type Logs	_____
• Cuttings	_____
• Water Analysis	_____
• Aquifer Test	_____

• Owner Nolan Corp. of Virginia

• Well Designation or Number _____

Address 7648 Dynatech Court
Springfield, VA 22153

Phone 569-0440

• Drilling Contractor _____

Address DOMINION WELL COMPANY
361-3443 Manassas 361-9126

Phone 1-800-523-2977

Tax Map I.D. No.	<u>25B - 1 - 25</u>
Subdivision	<u>Hartlake Estates</u>
Section	_____
Block	<u>Cobblestone Way</u>
Lot	<u>Lot 25</u>
Class Well:	I _____, IIA _____
IIIB _____, IIIA _____, IIIB <u>X</u>	
IIIC _____, IIID _____, IIIE _____	

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ (feet/miles _____ direction) of _____
(If possible please include map showing location marked)

Directions: See Reverse

Date started 11-13-90 • Date completed 11-14-90 Type rig air rotary

1. WELL DATA: New Reworked _____ Deepened _____

• Total depth 325 ft.

• Depth to bedrock 70 ft.

• Hole size (Also include reamed zones)

- 10 inches from 0 to 83 ft.
- 6-1/8 inches from 83 to 325 ft.
- _____ inches from _____ to _____ ft.

• Casing size (I.D.) and material

- 6 1/4 inches from +1 to 83 ft.
- Material steel
- Wt. per foot 13 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 _____
- _____ inches from _____ to _____ ft.
- Mesh size _____ Type _____

• Gravel pack

- From _____ to _____ ft.
- From _____ to _____ ft.

• Grout

- From 0 to 50' ft., Type pressure
- From _____ to _____ ft., Type 23 bags

2. WATER DATA • Water temperature _____ OF

- Static water level (unpumped level-measured) 50 ft.
- Stabilized measured pumping water level _____ ft.
- Stabilized yield 25+ gpm after 1 hours
- Natural Flow: Yes _____ No flow rate _____ gpm
- Comment on quality clear

3. WATER ZONES: From 150 To 155

From 295 To 300 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

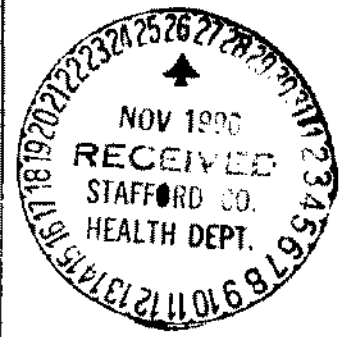
6. WELLHEAD: Type well seal _____
Pressure tank _____ gal. Loc. _____
Sample tap _____ Measurement port _____
Well vent _____ Pressure relief valve _____
Gate valve _____ Check valve (when required) _____
Electrical disconnect switch on power supply _____

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 _____

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 pumping 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)				11. Drilling Time (Min.)	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL	REMARKS		
From	To	(color, material, fossils, hardness, etc.)	(water, caving, cavities, broken, core, shot, (etc.))		
0	10	Red Clay			
10	25	Brown Soil			
25	70	Brown Shist & Quartz			
70	325	Blue Green Shist			
<p>Rt. 28 S. to Rt. 17 S. (L) to Hartlake Drive - (Note Hartlake Dr. is 1st rd. on (L) after Stafford Line - go to 1st crossover - come back north & make (R) on Hartlake Drive just prior to Western Sizzlin sign, to Cobblestone Way (L) to Lot 25 on (L) just past 1 st house on (L).</p>					



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 M. [unclear]* Seal, Date 11-15-90
 (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
 703-628-2595

Piedmont Reg. Off.
 4010 West Broad Street
 P. O. Box 6616
 Richmond, Va. 23230
 804-257-1006

Southwest Reg. Off.
 408 East Main Street
 P. O. Box 476
 Abingdon, Va. 24210
 703-628-5183

Tidewater Reg. Off.
 287 Pembroke Office Park
 Suite 310 Pembroke No. 2
 Va. Beach, Va. 23462
 804-499-8742

West Central Reg. Off.
 Executive Park
 5312 Peters Creek Road
 Roanoke, Va. 24019
 703-982-7432

Northern Virginia Reg. Off.
 5515 Cherokee Avenue
 Suite 404
 Alexandria, Va. 22312
 703-750-9111