

State Water Control Board
P.O. Box 11143
2111 North Hamilton Street
Richmond, Virginia 23230

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT
Certification of Completion/County Permit
Tom NORMAN

BWCM No. _____

266-4

County/City STAFFORD CO.
County/City Stamp

SWCB Permit _____
County Permit _____
Certification of inspecting official:
This well does _____ does not _____
meet code/low requirements.
S. _____
Date _____
For Office Use

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

Owner JAMES O'LEARY
Well Designation or Number _____
Address 44 HOGAN RD.
FREDERICKSBURG, VA. 22406
Phone 540-972-7549
Drilling Contractor: Northern Virginia Drilling
Address 7256 Foster Lane
Nokesville, VA 22123
Phone: (703) 361-6859

SWP-97-228
Tax Map I.D. No. 266-4
Subdivision GAUNTLET EST.
Section _____
Block _____
Lot 4
Class Well I _____ IIA _____
IIB _____ IIA _____ IIB K
IIIC _____ IID _____ IIIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
and _____ feet/miles _____ (direction) of _____
(If possible please include map showing location marked)
Date started 11-13-97 Date completed 11-14-97 Type rig AIR ROTARY

1. WELL DATA: New Reworked _____ Deepened _____
• Total depth 280' ft.
• Depth to bedrock 90' ft.
• Hole size (Also include reamed zones)
• 10" inches from 0 to 103' ft.
• 6 1/4" inches from 103' to 280' ft.
• _____ inches from _____ to _____ ft.
• Casting size (I.D.) and material
• 6 1/4" inches from 0 to 105' 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 _____
• Gravel Pack
• From _____ to _____ ft.
• From _____ to _____ ft.
• Grout
• From 103' to 0 ft. Type Portland Cement
• From _____ to _____ ft. Type _____

WATER DATA - Water Temperature _____ °
• Static water level (unpumped level-measured) 30'
• Stabilized measured pumping water level _____
• Stabilized yield 10 gpm after 1 hours
Natural Flow: Yes _____ No flow rate: _____ gpm
Comment on quality CLEAR

3. WATER ZONES: From 255 To 264
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 _____

OVER

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 analysis, 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. DRILLER'S LOG (use additional sheets if necessary)			11.	12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)
DEPTH (feet)		TYPE OF ROCK OR SOIL	Drilling Time (Min.)	
From	To	(color, material, fossils, hardness etc.)		
0	70'	OVERBURDEN & BROKEN UP QUARTZ		<p>WELL CAP 6 5/8" Casing 0 to 105' 6 1/8" Hole 103'-280'</p>
90'	280'	SHALE		

State Water Control Board Regional Offices

Valley Reg. Off.
116 North Main Street
P.O. Box 268
Bridgewater, Va. 22812
703-828-2595

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 478
Abington, Va. 24210
703-628-5183

Tidewater Reg. Off.
267 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

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 *Prof. J. Thore* (Seal) Date 10-16-97
(Not driller or authorized person)
TOTAL P. 03