

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

BWCM No. _____

Board
 1143
 111 North Hamilton Street
 Richmond, Virginia 23230

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 EUGENE MERKERT
 • Well Designation or Number _____
 Address HOLLY BERRY RD.

 Phone 221-5000
 • Drilling Contractor: Northern Virginia Drilling
 Address 7256 Foster Lane
Nokesville, VA 22123
 Phone: (703) 361-6859

JWT-97-83
 Tax Map I.D. No. 470-3-25
 Subdivision HOLLY CORNERS ESTS
 Section _____
 Block _____
 Lot 27
 Class Well I _____ IIA _____
 IIB _____ IIA _____ IIB X
 IIC _____ IID _____ IIE _____

WELL LOCATION: _____ (feet/miles _____ direction) of _____
 and _____ feet/miles _____ (direction) of _____
 (If possible please include map showing location marked)
 Date started 4-21-99 Date completed 4-21-99 Type rig DRILL ROTARY

1. WELL DATA: New Reworked _____ Deepened _____
 • Total depth 220' ft.
 • Depth to bedrock 61' ft.
 • Hole size (Also include reamed zones)
 • 10" inches from 0' to 103 1/2' ft.
 • 6 1/8" inches from 103 1/2' to 220' ft.
 • _____ inches from _____ to _____ ft.
 • Casting size (I.D.) and material
 • 6 1/8" 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 65' to 0' ft., Type Cement
 • From 103 1/2' to 65' ft., Type Rock Cuttings

- WATER DATA • Water Temperature _____ °
 • Static water level (unpumped level) measured _____ 40'
 • Stabilized measured pumping water level _____
 • Stabilized yield 15 gpm after _____ hours
 Natural Flow: Yes _____ No flow rate: _____ gpm
 Comment on quality CLEAR
 3. WATER ZONES: From 160' To 169'
 From 175' To 210' 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 _____

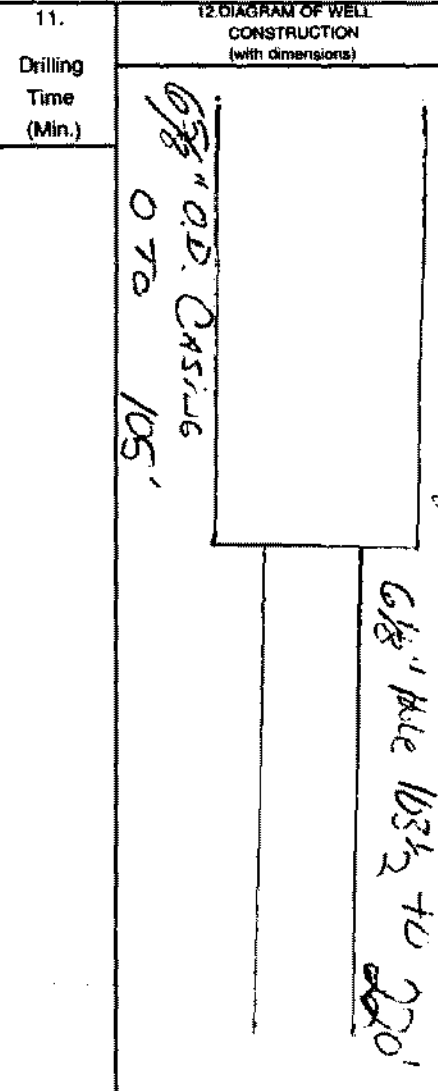
Owner _____

BWC# _____

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. 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	61'	OVERBURDEN	INSTALLED EXTRA CASING TO PREVENT WELL-WALL CAVING.
61	75'	BLUE SHALE	
75	88'	BROKEN QUARTZ	
88	220'	Blue Granite	



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 476
 Abington, Va. 24210
 703-828-5183

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

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 Kevin Powers (Seal) Date 4-21-99
 (Well driller or authorized person)

License No. 015640