

COMMONWEALTH OF VIRGINIA
WATER WELL COMPLETION REPORT

BWCM No. _____

(Certification of Completion/County Permit)

Water Control Board
Box 11143
North Hamilton St.
Richmond, Va. 23230

James P. Masquil
Kettle Run Construction
10501 Reid Lane
Hotchkiss, Va. 22123
1-754-4109
County/City Stamp 754-4107
754-4108

County/City Stafford

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. 183A
Elevation _____ ft.
Formation _____
Lithology _____
River Basin _____
Province _____
Type Logs D. L.
Cuttings N. A.
Water Analysis _____
Aquifer Test _____

Owner William Ryder For Sale
Well Designation or Number _____
Address Midland Va
Phone 788-9627
Drilling Contractor John L. Danielson, Jr., Inc.
Address 4516 Hood Drive
Fredericksburg, Virginia 22401
Phone (703) 898-6025

Tax Map I.D. No. 16-7
Subdivision _____
Section _____
Block _____
Lot _____
Class Well I _____ II _____
III IIIA _____ IIIB _____
IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 4 (feet/miles) West direction of 610 & 612 Intersections
and 1/4 feet/miles N. (direction) of 616 & 612 Intersections
(If possible please include map showing location marked)

Date started 6/3/86 Date completed 6/4/86 Type rig Air Rotary

1. WELL DATA: New Reworked _____ Deepened _____
Total depth _____ ft. 260
Depth to bedrock _____ ft. 117
Hole size (Also include reamed zones)
• 10 inches from 0 to 117 ft.
• 6 inches from 117 to 260 ft.
Casing size (I.D.) and material
• 6 1/2 inches from 71 to 117 ft.
Material Steel
Wt. per foot 13.1 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 _____

Approximate Drawdown 75 feet.
2. WATER DATA • Water temperature _____ °F
• Static water level (unpumped level-measured) 100 ft.
• Stabilized measured pumping water level 175 ft.
• Stabilized yield 5 gpm after 1 hours
Natural Flow: Yes _____ No flow rate _____ gpm
Comment on quality _____
3. WATER ZONES: From 127 To 128
From 244 To 245 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 _____
Pump installed through Kettle Run Construction

(Installed Watertight Cap)

Suggest setting pump @ approx 240' OVER

Thomas Maxwell / Kettle Run Construction
 Owner William Ryder
Stafford #616 off 612

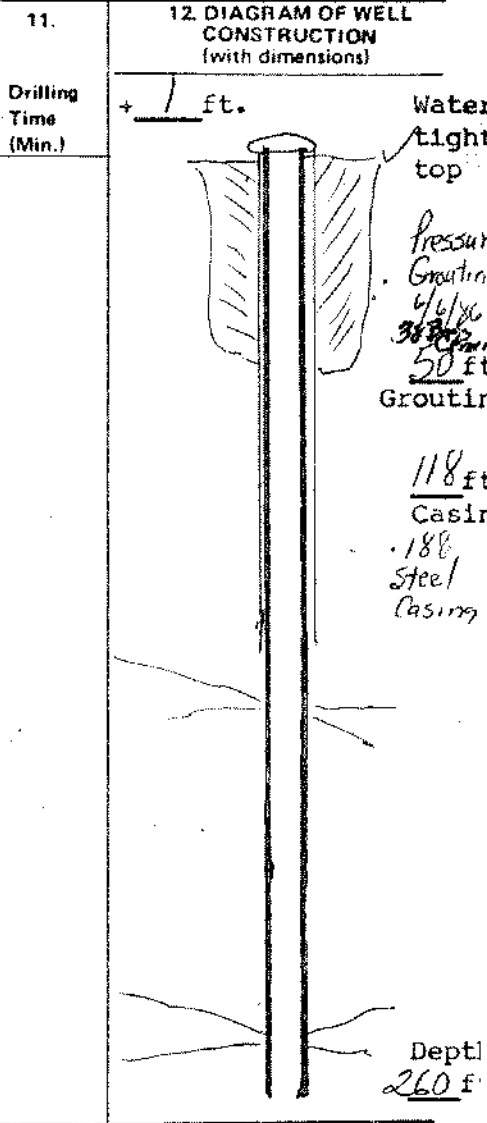
BWCM No. _____

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.)
From	To		
0	10	red clay	
10	60	red formation with mica	
60	117	soft brown shale & broken rock	
117	260	blue granite	

Approximate Water Zones
 127' to 128'
 and
 244' to 245'



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
703-628-2595
 - 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
708-982-7432
 - 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

Signature: Scott T. Davidson (Seal), Date 6/6/86
 (Well drill or authorized person) License No. _____