

WATER WELL COMPLETION REPORT

• BWCN No. _____

(Certification of Completion/County Permit)

Jeremiah S. Keene
78 State Map Road
Stafford Va. 22559
659-7334

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

SWCB Permit _____
 County Permit _____

Certification of inspecting official:
 This well does _____ does not
 meet code/low requirements.
 S. _____
 Date _____

For Office Use

County/City Stafford

County/City Stamp

• Virginia Plane Coordinates

N _____
 E _____
 Latitude & Longitude _____

N _____
 W _____

• Topo. Map No. 182A
 • Elevation _____ ft.
 • Formation _____
 • Lithology _____
 • River Basin _____
 • Province _____
 • Type Logs D. L.
 • Cuttings N. A.
 • Water Analysis _____
 • Aquifer Test _____

• Owner _____
 • Well Designation or Number _____
 Address _____
 Phone _____

• Drilling Contractor John L. Danielson, Jr., Inc.
 Address 4616 Hood Drive
Fredericksburg, Virginia 22401
 Phone (703) 898-6025

189-B-377 4/18/89 Karl Rudolph
 Tax Map I.D. No. 39-148B
 Subdivision _____
 Section _____
 Block _____
 Lot _____
 Class Well I _____ IIA _____
 IIB IIIA _____ IIIB _____
 IIIC _____ IIID _____ IIIE _____

WELL LOCATION: 1/2 (feet/miles) South (direction) of Intersection 630 & 629
 and 300 (feet/miles) W. (direction) of #629
 (If possible please include map showing location marked)

Date started 5/12/89 • Date completed 5/13/89 Type rig Air Rotary

WELL DATA: New Reworked _____ Deepened _____

• Total depth 136 ft.
 • Depth to bedrock _____ ft.
 • Hole size (Also include reamed zones)
 • 10 inches from 0 to 101 ft.
 • 6 3/4 inches from 101 to 136 ft.
 • _____ inches from _____ to _____ ft.
 • Casing size (I.D.) and material
 • 6 3/4 inches from +1 to 101 ft.
 Material PVC
 Wt. per foot _____ or wall thickness _____ 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)
 • 4 1/2 inches from 96 to 136 ft.
 • Mesh size 1.020 Type PVC
 _____ 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.

Approximate Drawdown 20 feet.

2. WATER DATA • Water temperature _____
 • Static water level (unpumped level-measured) 60
 • Stabilized measured pumping water level 80
 • Stabilized yield 50 gpm after 1 hour
 Natural Flow: Yes _____ No Flow rate _____ g per
 Comment on quality _____

3. WATER ZONES: From 105 to 136
 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 _____ gpm
 _____ 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 Jeremiah's

• Gravel pack
 • From _____ to _____ ft.
 • From _____ to _____ ft.

• Grout
 • From 0 to 50 ft. Type Pressure Grouting
Neat Cement
 • From _____ to _____ ft. Type _____

Installed watertight top
Suggest setting pump @ approx 100'
OVER

Journal C. Kerns
 Owner

BWCM No. _____

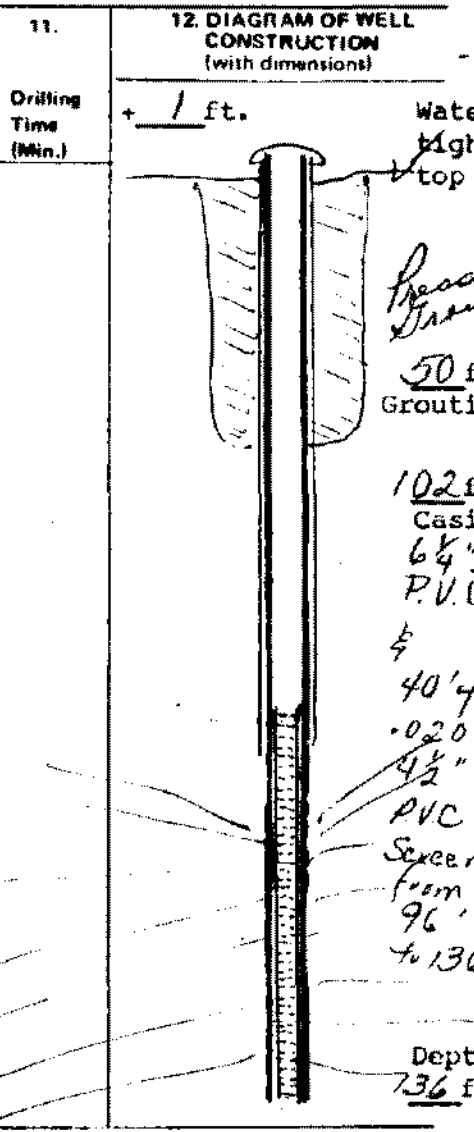
Stafford # 629 off 630

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	20	Sand & Clay	
20	95	Black sand	
95	101	sandstone	
101	130	Sandstone & sand & gravel	
130	136	grey clay	

Approximate
 Water Zones
 105 to 136



13. Well for 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 [Signature] (Seal), Date 5/30/89
 (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. 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
 703-982-7432

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 40A
 Alexandria, Va. 22312
 703-750-9111