

DEPARTMENT OF HEALTH  
DIVISION OF AIR QUALITY

WEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

BWCM No. \_\_\_\_\_

Division St.  
Va. 23230

(Certification of Completion/County Permit)  
Polson Construction  
2432 Moushaysnew Road  
Stafford, Va 22554  
752-1010

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. S.

• Water Analysis \_\_\_\_\_

• Aquifer Test \_\_\_\_\_

County/City Stamp  
Lester Keyes (Rural Home Builders)

• Owner Ronald L. Keilholty

• Well Designation or Number \_\_\_\_\_

Address 24 Ruby Drive  
Stafford, Va 22554

Phone 752-1010

• Drilling Contractor John L. Danielson, Jr., Inc.

Address 4616 Hood Drive  
Fredericksburg, Virginia 22401

Phone (703) 898-6025

189-89-71 ~~227-89~~ 3-13-89 1/2 to 1/2

Tax Map I.D. No. 8B-G-7W

Subdivision Lake Overhead

Section G

Block \_\_\_\_\_

Lot 7W

Class Well I \_\_\_\_\_ IIIA \_\_\_\_\_

HB  IIIA \_\_\_\_\_ IIIB \_\_\_\_\_

III C \_\_\_\_\_ IIID \_\_\_\_\_ IIIE \_\_\_\_\_

WELL LOCATION: 1/3 (feet/miles) N (direction) of Subsistence of Lake New Drive & Ruby Dr  
and \_\_\_\_\_ (direction) of \_\_\_\_\_  
(If possible please include map showing location marked)

Date started 6/15/90 • Date completed 6/16/90 Type rig ALL RUBY

approximate drawdown 150 feet.

2. WATER DATA • Water temperature \_\_\_\_\_ of \_\_\_\_\_

• Static water level (unpumped level measured) \_\_\_\_\_ ft

• Stabilized measured pumping water level \_\_\_\_\_ ft

• Stabilized yield 7 gpm after 1 hours

Natural Flow Yes \_\_\_\_\_ No \_\_\_\_\_ flow rate \_\_\_\_\_ gpm

Comment on quality \_\_\_\_\_

3. WATER ZONES: From 230 To 231

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 Lester Keyes

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth 240 ft

• Depth to bedrock 54 ft

• Hole size (Also include reamed zones)

• 10 inches from 0 to 54 ft

• 6 3/8 inches from 54 to 240 ft

• \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft

• Casing size (I.D.) and material

• 6 3/8 inches from +1 to 54 ft

Material P.V.C. Well Casing

Wt per foot \_\_\_\_\_ or wall thickness SDR 27 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 0 to 50+ ft. Type Pressure Grouting

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type Neat Cement 6/22/90

• From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

Installed Watertight Top  
Aug 21 setting pump approx 220 FT  
OVER

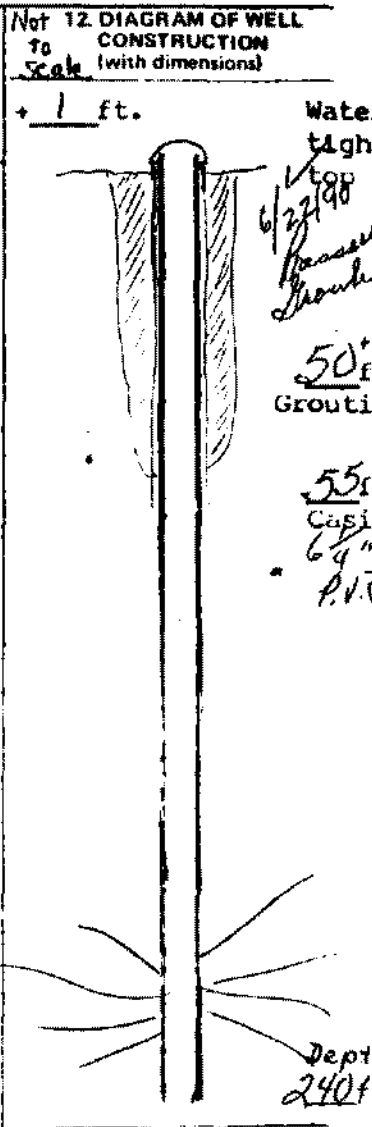
*Tolson Construction/Design*  
 Owner *Ronald Kaulhobby*  
*Lake Arrowhead Sect C Lot 4 W*  
*Highway Drive*

COUNTY/CITY/STATE  
 James City, VA 22130  
 James City, VA

9. State law requires submitting to the Virginia State Water Control Board information about groundwater and wells for every intended for water, or any other non-exempt well. This information must be submitted whether the well is completed or not. Information required includes: an accurately and completely prepared water well completion report, full data from any monitoring pumpings 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, casing, cavities, broken, core, shot, etc.)	Drilling Time (Min.)
From	To			
0	10	Red clay		
10	30	Micaceous formation/red		
30	45	Micaceous formation/brown		
45	54	soft brown shale		
54	240	hard blue rock		



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 order and the laws and rules of the Commonwealth of Virginia

Signature *Anna H. Donahue* Date *6/20/90*  
 (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. 22812  
703-808-2595
- Southwest Reg. Off.  
408 East Main Street  
P. O. Box 476  
Abingdon, Va. 24210  
703-628-5181
- 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. 23240  
804-257-1006
- Tidewater Reg. Off.  
287 Pembroke Office Park  
Suite 310 Pembroke No. 2  
Va. Beach, Va. 21462  
804-499-8742
- Northern Virginia Reg. Off.  
5515 Cherokee Avenue  
Suite 404  
Alexandria, Va. 22312  
703-750-9111