

COMMONWEALTH OF VIRGINIA  
WATER WELL COMPLETION REPORT

*Government Agency Report 430*

• BWCM No. \_\_\_\_\_

(Certification of Completion/County Permit)

*Contractor: [Signature] 11/85*  
*Box 1233*  
*Stafford Va. 22554*  
*752-4646*

State Water Control Board  
P. O. Box 19900  
2111 North Shannon St.  
Richmond, VA. 23220

County/City Stafford

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 \_\_\_\_\_ ft.

• Formation \_\_\_\_\_

• Lithology \_\_\_\_\_

• River Basin \_\_\_\_\_

• Province \_\_\_\_\_

• Type Logs D<sub>2</sub> L<sub>2</sub>

• Cuttings No. A.

• Water Analysis \_\_\_\_\_

• Aquifer Test \_\_\_\_\_

• Owner For Sale *Buckley* Jack Parker

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

Address R.O. Box 79  
Reuby, Va. 22545

Phone 752-0211

Tax Map I.D. No. \_\_\_\_\_

Subdivision \_\_\_\_\_

Section \_\_\_\_\_

Block \_\_\_\_\_

Lot \_\_\_\_\_

Class Well I \_\_\_\_\_ II A \_\_\_\_\_

II B  III A \_\_\_\_\_ III B \_\_\_\_\_

III C \_\_\_\_\_ III D \_\_\_\_\_ III E \_\_\_\_\_

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

Address 4616 Hood Drive  
Fredericksburg, Virginia 22401

Phone (703) 898-6025

WELL LOCATION: 1/2 (feet/miles) East (direction) of Intersection of 630 & 628  
and 15 (miles) N. (direction) of 630  
(If possible please include map showing location marked)

Date started 1/28/85 • Date completed 2-19-85 Type of air rotary \_\_\_\_\_

Approximate Drawdown 275 feet.

WELL DATA. New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_

• Total depth \_\_\_\_\_ 505 ft.

• Depth to bedrock \_\_\_\_\_ 145 ft.

• Hole size (Also include reamed zones):

- 10 inches from \_\_\_\_\_ 0 to \_\_\_\_\_ 159 ft.
- 6 inches from \_\_\_\_\_ 159 to \_\_\_\_\_ 505 ft.

• Casing size (I.D.) and material

- 6 1/2 inches from \_\_\_\_\_ +1 to \_\_\_\_\_ 159 ft.
- Material Black steel
- Wt. per foot 131.6 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.

*Casing Slotted*

• \_\_\_\_\_ size and mesh for each zone (where applicable)

- \_\_\_\_\_ inches from \_\_\_\_\_ 7.5' to \_\_\_\_\_ 140' 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 \_\_\_\_\_ 50 to \_\_\_\_\_ 159 ft. *(outside casing)*
- From \_\_\_\_\_ to \_\_\_\_\_ ft.

• Grout

- From \_\_\_\_\_ 0 to \_\_\_\_\_ 50 ft. Type Neat Cement 55 Bag
- From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_

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

- Static water level (unpumped level measured) \_\_\_\_\_ 30
- Stabilized measured pumping water level \_\_\_\_\_ 305
- Stabilized yield \_\_\_\_\_ 1 gpm after \_\_\_\_\_ 2

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

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

3. WATER ZONES: From 486 To 487

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

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 \_\_\_\_\_

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 Jack Parker

*(Watertight Cap installed)*  
OVER

Leonard Tolson / Jack Parker  
 Owner

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

Sheffield 630 off 628

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 plotted water well completion report, full data from any aquifer pumping tests, drill cuttings taken at ten foot intervals (unless exemption is assumed), the results of any chemical analyses, and copies of any geophysical logs. Quarterly pumping 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)

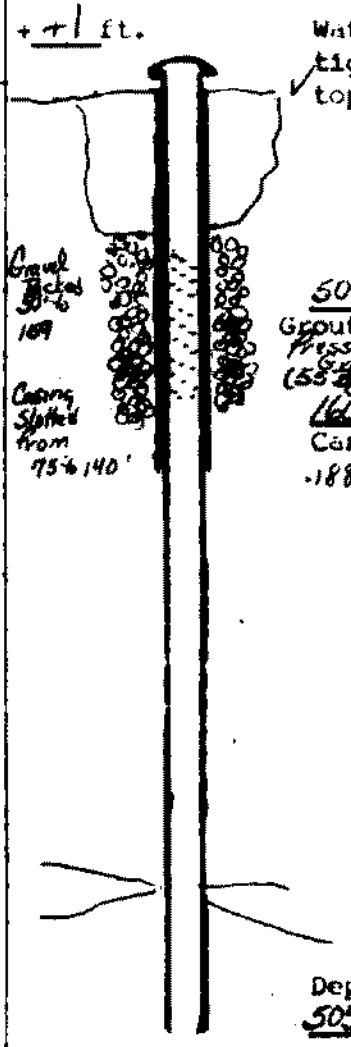
11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

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 sandy clay		
10	30	grey clay	large cave from 2 to 10'	
30	60	grey sand		
60	90	sandstone		
90	130	grey sand (dry)		
130	145	grey clay		
145	410	graphite & slate		
410	505	granite		

There is a possibility that it might be necessary to sleeve the bottom 360' of this well with 4" casing at a later time

Approximate Water Zones 486 to 487'



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. 111 South Main Street, P.O. Box 268, Harrisonburg, Va. 22812, 703-538-2595
  - Southwest Reg. Off. 4010 West Broad Street, P.O. Box 6616, Richmond, Va. 23230, 804-257-1006
  - Central Reg. Off. 287 Pembroke Office Park, Suite 310 Pembroke No. 2, Va. Beach, Va. 23462, 804-499-8742
  - Northern Virginia Reg. Off. 5915 Cherokee Avenue, Suite 404, Alexandria, Va. 22312, 703-750-9111
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Signature Jack Parker (Seal), Date 2/21/85  
 (Well driller or authorized person) License No. \_\_\_\_\_