

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

(Certification of Completion/County Permit)

*Leonard ...*  
*2432 ...*  
*Stafford, Va 22554*

County/City Stafford

County/City Stamp

Virginia Plane Coordinates  
 N \_\_\_\_\_  
 E \_\_\_\_\_  
 Latitude & Longitude  
 N \_\_\_\_\_  
 W \_\_\_\_\_  
 Topo. Map No. 194C  
 Elevation \_\_\_\_\_ ft.  
 Formation \_\_\_\_\_  
 Lithology \_\_\_\_\_  
 River Basin \_\_\_\_\_  
 Province \_\_\_\_\_  
 Type Logs D. L.  
 Cuttings N. A.  
 Water Analysis \_\_\_\_\_  
 Aquifer Test \_\_\_\_\_

• Owner Tommy Housing Corp - for Sale  
 • Well Designation or Number Patrick Eagle  
 Address Rt. 10 Box 264  
Fredericksburg, Va.  
 Phone 781a-8453  
 • Drilling Contractor John L. Danielson, Jr., Inc.  
 Address 4616 Hood Drive  
Fredericksburg, Virginia 22401  
 Phone (703) 898-6025

SWCB Permit \_\_\_\_\_  
 County Permit \_\_\_\_\_  
 Certification of inspecting official:  
 This well does \_\_\_\_\_ does not  
 meet code/low requirements.  
 S. \_\_\_\_\_  
 Date \_\_\_\_\_  
 For Office Use

Tax Map I. D. No. 20-H-11  
 Subdivision Bald Eagle East # 11  
 Section \_\_\_\_\_  
 Block \_\_\_\_\_  
 Lot # 11  
 Class Well: I \_\_\_\_\_, IIA \_\_\_\_\_  
 IIB , IIIA \_\_\_\_\_, IIIB \_\_\_\_\_  
 IIIC \_\_\_\_\_, IIID \_\_\_\_\_, IIIE \_\_\_\_\_

WELL LOCATION: \_\_\_\_\_ (feet/miles \_\_\_\_\_ direction) of  
 and \_\_\_\_\_ feet/miles (direction) of  
 (If possible please include map showing location marked) 2 miles W. Intersection #1 & 610  
1 mile N. Intersection of 610 & 641  
 Date started 10/28/86 • Date completed 10/30/86 Type rig Air Rotary

WELL DATA: New  Reworked \_\_\_\_\_ Deepened \_\_\_\_\_  
 Total depth 165 ft.  
 Depth to bedrock 27 ft.  
 Hole size (Also include reamed zones)  
 • 10 inches from \_\_\_\_\_ to 80 ft.  
 • 6 inches from 80 to 165 ft.  
 • \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Casing size (I. D.) and material  
 • 64 inches from 71 to 80 ft.  
 Material Steel  
 Wt. per foot 13.8 or wall thickness .188 in.  
 • 4 inches from 78 to 165 ft.  
 Material 4" P.V.C. Well Casing Liner - Slotted  
 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 \_\_\_\_\_

Approximate Drawdown 50 feet.  
 2. WATER DATA • Water temperature \_\_\_\_\_ °F  
 • Static water level (unpumped level-measured) 50 ft.  
 • Stabilized measured pumping water level 100 ft.  
 • Stabilized yield 5 gpm at \_\_\_\_\_ hours  
 Natural Flow: Yes \_\_\_\_\_ No \_\_\_\_\_, flow rate \_\_\_\_\_ g pm  
 Comment on quality \_\_\_\_\_

3. WATER ZONES: From 115 To 116  
 From 155 To 156 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 Tommy Housing

Travel pack  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Grout  
 • From 0 to 50' ft. Type Neat Cement  
 • From \_\_\_\_\_ to \_\_\_\_\_ ft. Type \_\_\_\_\_  
*Installed watertight top*  
*highest setting pump @ approx 140' 20 bags*  
*also install torque arrestors or centralizers in 4" liner.*  
 OVER

9. State law requires submitting to the Virginia State Water Control Board 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)

11.

12. DIAGRAM OF WELL CONSTRUCTION (with dimensions)

| DEPTH (feet) |     | TYPE OF ROCK OR SOIL<br>(color, material, fossils, hardness, etc.) | REMARKS<br>(water, caving, cavities, broken, core, shot, etc.) |
|--------------|-----|--|--|
| From         | To  |  |  |
| 0            | 10  | clay   |  |
| 10           | 27  | formation with mica  |  |
| 27           | 80  | grey stone with broken rock  |  |
| 80           | 165 | grey rock with soft brown rock                                     | Approximate Water Zones<br>115 to 116'<br>and<br>155 to 156'   |

Drilling Time (Min.)



Water tight top  
Pressure  
Grout  
11/186  
14 Days  
Top of hole  
20 ft.  
50'  
Grout  
81'  
Casing  
.188  
64  
Steel  
Casing  
87'  
4"  
Dept  
165'

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  
703-828-2595

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  
Abingdon, Va. 24210  
703-628-5183

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

Signature Robert J. Danielson (Seal), Date 11/3/86  
(Well driller or authorized person) License No. \_\_\_\_\_