

**Commonwealth of Virginia  
Uniform Water Well Completion Report**

Owner Ronald Cummings Jr.  
 Address 10914 Kirtley Lane  
Asotayland, Va. 22553  
 Phone H 785-0638 W 373-0383  
 Location Holly Crossers Estate #21 / off 655517

Tax Map ID 43C-21  
 VDH Permit WS-93-166  
 VWCB Permit \_\_\_\_\_  
 VWCB ID \_\_\_\_\_  
 County Stafford  
7/29/93 Rob Snyder  
7/30/93 T.T. Thompson

Well Classification IIIA \_\_\_\_\_ IIIB  IIIC \_\_\_\_\_ IV \_\_\_\_\_  
 \* Well Data \*

**General Information**

Drilling Method Air Rotary  
 Depth to Bedrock 60  
 Static Water Level 30  
 Well Disinfected (Y or N) \_\_\_\_\_

Date Completed 9/14/93  
 Yield 4 (GPM)  
 Stabilized Water Level 320  
 Disinfectant Used \_\_\_\_\_

Total Depth of Well 360'  
 Length of Test 1 Hr.  
 Natural Flow (Rate) \_\_\_\_\_  
 Amount Used \_\_\_\_\_

**Casing**

From +1 To 80  
 Size 6 1/4" Material P.V.C.  
 Weight/Schedule SDR 27

From 70' To 200'  
 Size 4" Material P.V.C.  
 Weight/Schedule Schedule 40

220' End 320'  
 From 340' To 340'  
 Size 4" Material P.V.C.  
 Weight/Schedule Schedule 40

**Gravel Pack**

From \_\_\_\_\_ To \_\_\_\_\_  
 Hole size 10" from 0 to 60 ft.  
 Grout  
 From 0 To 55  
 Bore Hole Size 10  
 Type Bentonite  
 Method Pressure Grouting

From \_\_\_\_\_ To \_\_\_\_\_  
 Hole size 8 1/2" from 60 to 80 ft.  
 Grout  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Bore Hole Size \_\_\_\_\_  
 Type \_\_\_\_\_  
 Method \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_  
 Hole size 6 1/2" from 80 to 360 ft.  
 Grout  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Bore Hole Size \_\_\_\_\_  
 Type \_\_\_\_\_  
 Method \_\_\_\_\_

**Water Zones or Screened Intervals**

From 200 To 220  
 Mesh Size .020 Diam 4" (P.V.C.)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From 320 To 340  
 Mesh Size .020 Diam 4" (P.V.C.)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

From 201' To 202'  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_  
 From 333' To 334'  
 Mesh Size \_\_\_\_\_ Diam \_\_\_\_\_

**\* Use Data \***

Private Well: Domestic  Agricultural \_\_\_\_\_ Industrial \_\_\_\_\_ Monitoring \_\_\_\_\_  
 Public Well: Community \_\_\_\_\_ Non Community \_\_\_\_\_

**\* Abandonment Information \***

**Bored or Dug Wells**

Casing Removed, Y or N?: \_\_\_\_\_  
 If Y, Depth to which casing was removed: \_\_\_\_\_  
 Depth and Type of Fill: \_\_\_\_\_  
 Source of Fill \_\_\_\_\_  
 Bentonite Plugs: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_

**Wells other than Bored Wells**

Casing removed, Y or N? \_\_\_\_\_  
 Depth to which casing was removed: \_\_\_\_\_  
 Applicable, depth(s), and type of gravel/sand fill \_\_\_\_\_  
 Source of gravel or sand: \_\_\_\_\_  
 Cement: From \_\_\_\_\_ to \_\_\_\_\_ From \_\_\_\_\_ to \_\_\_\_\_

Method of permanently marking location: \_\_\_\_\_

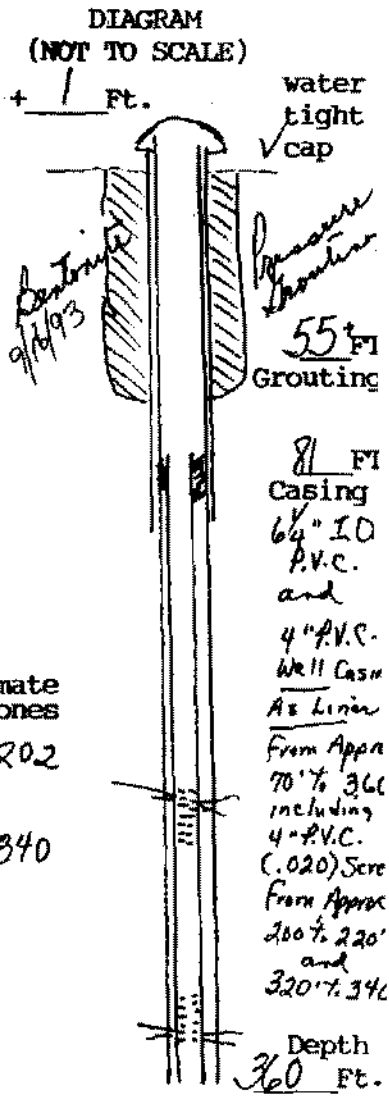
Installed watertight top  
 - Suggest setting pump @ approx. 340 ft.

*- You will encounter 4" well casing @ approx 70 Ft.  
 Suggest keeping torque arrestors & controllers out of 4" casing.*

Ronald Cummings  
 Holly Corner Estate #21  
 Stafford #655 44 17

\* Drillers Log \*

| Depth | Description of Formation or Sediment | Remarks   |
|-------|--------------------------------------|---|
| 0     | 10 Red Clay                          |   |
| 10    | 30 Micaceous formation / Red         |   |
| 30    | 50 Micaceous formation / Brown       |   |
| 50    | 80 Brown Shale                       | set 4" P.V.C. Well Casing & screen due to softness of the formation |
| 80    | 360 Blue Shale                       |   |



Handwritten calculations:

115  
 2  
 345  
 ---  
 1380

32  
 315  
 4  
 ---  
 1500

120  
 360  
 4  
 ---  
 1440

Approximate Water Zones  
 201 to 202  
 and  
 320 to 340

(User additional Sheets if necessary)

I certify that the information contained here is true and that this well was installed and constructed in accordance with the permit and further that the well complies with all applicable state and local regulations, ordinances and laws.

Name JOHN L. DANIELSON, JR., INC.  
 Address 4616 HOOD DRIVE  
FREDERICKSBURG, VIRGINIA 22408  
 Phone (703) 898-6025 / 898-9355

Drillers Signature [Signature]  
 Date 9/14/93 Representing JOHN L. DANIELSON, JR., INC.

Virginia Contractors License Number CLASS A 2701 014084A H/H WWC