

1. Well Contractor Information:

Well Contractor Name: Larry Williford Jr
28063 A
 NC Well Contractor Certification Number
 Company Name: Williford's Well Drilling

2. Well Construction Permit #: 06506 00511
 List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:
 Agricultural Municipal/Public
 Geothermal (Heating/Cooling Supply) Residential Water Supply (single)
 Industrial/Commercial Residential Water Supply (shared)
 Irrigation Wells > 100,000 GPD

Non-Water Supply Well:
 Monitoring Recovery

Injection Well:
 Aquifer Recharge Groundwater Remediation
 Aquifer Storage and Recovery Salinity Barrier
 Aquifer Test Stormwater Drainage
 Experimental Technology Subsidence Control
 Geothermal (Closed Loop) Tracer
 Geothermal (Heating/Cooling Return) Other (explain under #21 Remarks)

4. Date Well(s) Completed: 8/30/21 Well ID# _____

5a. Well Location:

Facility/Owner Name: Ron Hamilton Facility ID# (if applicable) _____
 Physical Address, City, and Zip: 1286 Old Hamilton Rd
Harnett
 County: Harnett Parcel Identification No. (PIN): 1506 23 4203

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
 (if well field, one lat/long is sufficient)
35.297271 N -78.657132 W

6. Is(are) the well(s): Permanent or Temporary

7. Is this a repair to an existing well: Yes or No
 If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: _____

9. Total well depth below land surface: 31 (ft.)
 For multiple wells list all depths if different (example: 3@200 and 2@100')

10. Static water level below top of casing: 12 (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 6 (in.)

12. Well construction method: Mud Rotary
 (i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm): 8 Method of test: pumping
 13b. Disinfection type: HTH Amount: 1/4 cup

14. WATER ZONES					
FROM	TO	DESCRIPTION			
21 ft.	24 ft.	tan sand + gravel			
ft.	ft.				
15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
1 ft.	21 ft.	2 in.	sch40	PVC	
16. INNER CASING OR TUBING (geothermal closed-loop)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
ft.	ft.	in.			
ft.	ft.	in.			
17. SCREEN					
FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
21 ft.	24 ft.	2 in.	.012	sch40	PVC
ft.	ft.	in.			
18. GROUT					
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT		
0 ft.	20 ft.	Bentonite	2 bags - pour		
ft.	ft.				
ft.	ft.				
19. SAND/GRAVEL PACK (if applicable)					
FROM	TO	MATERIAL	EMPLACEMENT METHOD		
20 ft.	31 ft.	#2 sand	pour		
ft.	ft.				
20. DRILLING LOG (attach additional sheets if necessary)					
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)			
0 ft.	1 ft.	topsoil			
1 ft.	8 ft.	reddish sandy clay			
8 ft.	21 ft.	orange-white clay			
21 ft.	24 ft.	tan sand + gravel			
24 ft.	31 ft.	tan clay			
ft.	ft.				
ft.	ft.				
21. REMARKS					
Casing 24-31					

22. Certification:

Signature of Certified Well Contractor: Larry Williford Jr Date: 8/30/21

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:

You may use the back of this page to provide additional well construction info (add 'See Over' in Remarks Box). You may also attach additional pages if necessary.

24. SUBMITTAL INSTRUCTIONS

Submit this GW-1 within 30 days of well completion per the following:

24a. For All Wells: Original form to Division of Water Resources (DWR), Information Processing Unit, 1617 MSC, Raleigh, NC 27699-1617

24b. For Injection Wells: Copy to DWR, Underground Injection Control (IUC) Program, 1636 MSC, Raleigh, NC 27699-1636

24c. For Water Supply and Open-Loop Geothermal Return Wells: Copy to the county environmental health department of the county where installed

24d. For Water Wells producing over 100,000 GPD: Copy to DWR, CCPCUA Permit Program, 1611 MSC, Raleigh, NC 27699-1611