

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Well Contractor Name: Larry Williford JR
2863-A
 NC Well Contractor Certification Number
 Company Name: Williford's Well Drilling

2. Well Construction Permit #:

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: 3-6-23 Well ID# _____

5a. Well Location:
 Facility/Owner Name: Kelley Reed
 Facility ID# (if applicable): _____
972 West Strickland Rd
 Physical Address, City, and Zip: Harnett
 County: Harnett
 Parcel Identification No. (PIN): pi N 1537-31-7064.000
para D21537D12406

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
 (if well field, one lat/long is sufficient)
35.318 N 78.550 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: 16 (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) 5 Method of test: pumping
 13b. Disinfection type: HTH Amount: 1/2 cup

For Internal Use Only:

14. WATER ZONES		
FROM	TO	DESCRIPTION
26 ft.	31 ft.	gray sand

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)				
FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	26 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
26 ft.	31 ft.	2 in.	.012	SCH40	PVC
ft.	ft.	in.			

18. GROUT			
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Bentonite	pour/gravity
ft.	ft.		4-50lb bags
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)			
FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 ft.	31 ft.	#2 sandpack	550lb
ft.	ft.		pour/gravity

20. DRILLING LOG (attach additional sheets if necessary)		
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	2 ft.	topsoil
2 ft.	19 ft.	tan sandy clay
19 ft.	26 ft.	black clay
26 ft.	31 ft.	gray sand
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification:
 Signature of Certified Well Contractor: Larry Williford Jr
 Date: 3-11-2023

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 information (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 (UIC) 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, CCPCU Permit Program, 1611 MSC, Raleigh, NC 27699-1611