

# WELL CONSTRUCTION RECORD (GW-1)

## 1. Well Contractor Information:

Larry Williford JR  
 Well Contractor Name  
2863-A  
 NC Well Contractor Certification Number

Williford's Well Drilling  
 Company Name

2. Well Construction Permit #: SFD 2208-0052  
 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: 3-8-24 Well ID# \_\_\_\_\_

## 5a. Well Location:

Jon Day  
 Facility/Owner Name  
251 Pierce LN Erwin NC  
 Physical Address, City, and Zip  
Harnett  
 County  
 Parcel Identification No. (PIN) \_\_\_\_\_

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

35.355 N 78.701 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: 40 (ft.)  
 For multiple wells list all depths if different (example: 3@200' and 2@100')

10. Static water level below top of casing: 10 (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) 7 Method of test: pumping  
 13b. Disinfection type: HTH Amount: 1/2 cup

For Internal Use Only:

14. WATER ZONES		
FROM	TO	DESCRIPTION
22 ft.	30 ft.	tan sand & gravel
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)				
FROM	TO	DIAMETER	THICKNESS	MATERIAL
+1 ft.	22 ft.	2 in.	SCH 40	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
22 ft.	28 ft.	2 in.	#12	SCH 40	PVC
ft.	ft.	in.			

18. GROUT			
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Bentonite	pour 3 1/2 50lb bags
ft.	ft.		
ft.	ft.		

19. SAND/GRAVEL PACK (if applicable)			
FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 ft.	40 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.	7 ft.	reddish clay
7 ft.	22 ft.	orange-white clay
22 ft.	30 ft.	tan sand & gravel
30 ft.	40 ft.	tan clay
ft.	ft.	
ft.	ft.	

21. REMARKS  
30-40 2" casing sch 40

## 22. Certification:

Larry Williford JR 3-8-2024  
 Signature of Certified Well Contractor Date

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