

# WELL CONSTRUCTION RECORD (GW-1)

## 1. Well Contractor Information:

Jonathan Kamiona

Well Contractor Name

3465-A

NC Well Contractor Certification Number

Bill's Well Drilling Co

Company Name

2. Well Construction Permit #: EH2410-0025

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: 1-7-25

Well ID#

## 5a. Well Location:

Cape Fear Valley Health System

Facility/Owner Name

Facility ID# (if applicable)

215 Brightwater Dr, Lillington, NC 27546

Physical Address, City, and Zip

Harnett

0651-70-1090

County

Parcel Identification No. (PIN)

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

\_\_\_\_\_ N \_\_\_\_\_ 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: 420 (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: 6-1/8 (in.)

12. Well construction method: mud & air rotary  
(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 15 Method of test: pumped

13b. Disinfection type: HTH Amount: 1 cup

For Internal Use Only:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
200 ft.	220 ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
+2 ft.	70 ft.	6-1/8 in.	SDR21	PVC
+2 ft.	102 ft.	4 in.	sch40	PVC

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	bentonite	poured
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	18 ft.	Red clay & gravel
18 ft.	70 ft.	Red & brown rock
70 ft.	90 ft.	Brown & Gray Rock
90 ft.	420 ft.	Gray & black rock
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

  
Signature of Certified Well Contractor

1/7/2025

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