

# WELL CONSTRUCTION RECORD (GW-1)

## 1. Well Contractor Information:

Nick Young

Well Contractor Name

4605-A

NC Well Contractor Certification Number

N.W. Poole Well and Pump Co.

Company Name

## 2. Well Construction Permit #:

SFD 21104-0002

## 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: 1-17-25 Well ID#

## 5a. Well Location:

Ed Green

Facility/Owner Name

Facility ID# (if applicable)

635 Ponchartrain St. Zuger - Varina

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)

35.495162 N -78.947274 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: 445 (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

## 10. Static water level below top of casing: 20 (ft.)

If water level is above casing, use "+"

## 11. Borehole diameter: 6" (in.)

Rotary

## 12. Well construction method:

(i.e. auger, rotary, cable, direct push, etc.)

### FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 2 Method of test: Blow

13b. Disinfection type: HTH Amount: 1 lb

For Internal Use Only:

### 14. WATER ZONES

FROM	TO	DESCRIPTION
300 ft.	305 ft.	2
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
11 ft.	50 ft.	6 in.	.187	Galv.

### 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
ft.	ft.	in.			
ft.	ft.	in.			

### 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Bentonite	pour
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.	2 ft.	Top Soil
2 ft.	37 ft.	Sand
37 ft.	445 ft.	Granite
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

### 21. REMARKS

Used steel hardened drive shoe

## 22. Certification:

Nicholas Young

Signature of Certified Well Contractor

1-17-25

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