

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 #: SFO2002-0024
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:	
<input type="checkbox"/> Agricultural	<input type="checkbox"/> Municipal/Public
<input type="checkbox"/> Geothermal (Heating/Cooling Supply)	<input checked="" type="checkbox"/> Residential Water Supply (single)
<input type="checkbox"/> Industrial/Commercial	<input type="checkbox"/> Residential Water Supply (shared)
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Wells > 100,000 GPD
Non-Water Supply Well:	
<input type="checkbox"/> Monitoring	<input type="checkbox"/> Recovery
Injection Well:	
<input type="checkbox"/> Aquifer Recharge	<input type="checkbox"/> Groundwater Remediation
<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Salinity Barrier
<input type="checkbox"/> Aquifer Test	<input type="checkbox"/> Stormwater Drainage
<input type="checkbox"/> Experimental Technology	<input type="checkbox"/> Subsidence Control
<input type="checkbox"/> Geothermal (Closed Loop)	<input type="checkbox"/> Tracer
<input type="checkbox"/> Geothermal (Heating/Cooling Return)	<input type="checkbox"/> Other (explain under #21 Remarks)

4. Date Well(s) Completed: 1-8-24 Well ID# _____

5a. Well Location:

Luis Vaca
Facility/Owner Name Facility ID# (if applicable)
G & Robinson Ln. Angier 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)

35.465697 N -78.799388 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: 325 (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.)

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

FOR WATER SUPPLY WELLS ONLY:	
13a. Yield (gpm) <u>30</u>	Method of test: <u>Blow</u>
13b. Disinfection type: <u>HTH</u>	Amount: _____

For Internal Use Only:

14. WATER ZONES					
FROM	TO	DESCRIPTION			
<u>210</u> ft.	<u>215</u> ft.	<u>3</u>			
<u>305</u> ft.	<u>310</u> ft.	<u>27</u>			
15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
<u>11</u> ft.	<u>91</u> ft.	<u>6</u> in.	<u>1/87</u>	<u>Galv</u>	
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		
<u>0</u> ft.	<u>25</u> ft.	<u>Bentonite</u>	<u>pour</u>		
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.)			
<u>0</u> ft.	<u>2</u> ft.	<u>Top Soil</u>			
<u>2</u> ft.	<u>80</u> ft.	<u>Clay</u>			
<u>80</u> ft.	<u>325</u> ft.	<u>Granite/Slate</u>			
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
21. REMARKS					
<u>Used steel hardened drive shoe</u>					

22. Certification:

Nick Young
Signature of Certified Well Contractor Date 1-8-24

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