

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Jon Poole

Well Contractor Name

2281A

NC Well Contractor Certification Number

Grady Poole Well & Pump Co.

Company Name

EH2402-0012

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variances, 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:

3/27/24

Well ID#

5a. Well Location:

Susan Weathers

Facility/Owner Name

Facility ID# (if applicable)

305 Keith Weathers rd, F.V.

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)

_____ 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: 1

9. Total well depth below land surface: 280 (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 1/4 (in.)

12. Well construction method: air rotary

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 10 Method of test: blew

13b. Disinfection type: hth Amount: 1/2 lb.

For Internal Use Only:

| 14. WATER ZONES | | DESCRIPTION |
|-----------------|----------------|---------------|
| FROM | TO | |
| ft. | <u>265</u> ft. | <u>10 gpm</u> |
| ft. | ft. | |

| 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable) | | | | |
|---|---------------|------------------|-------------|-------------------|
| FROM | TO | DIAMETER | THICKNESS | MATERIAL |
| <u>0</u> ft. | <u>34</u> ft. | <u>6 1/4</u> in. | <u>.188</u> | <u>galvanized</u> |

| 16. INNER CASING OR TUBING (geothermal closed-loop) | | | | |
|---|---------------|--------------|-----------|------------|
| FROM | TO | DIAMETER | THICKNESS | MATERIAL |
| <u>0</u> ft. | <u>80</u> ft. | <u>4</u> in. | | <u>pvc</u> |
| 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>20</u> ft. | <u>benonite</u> | <u>gravity filled</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>25</u> ft. | <u>clay</u> |
| <u>25</u> ft. | <u>280</u> ft. | <u>granite rock</u> |
| ft. | ft. | |
| ft. | ft. | |
| ft. | ft. | |
| ft. | ft. | |

| 21. REMARKS |
|-------------|
| |

22. Certification

Jon Poole #2281A 3/25/24
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 (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, CCPCUA Permit Program, 1611 MSC, Raleigh, NC 27699-1611