

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT  
TO CONSTRUCT A DRINKING WATER SUPPLY WELL

PIN #: 1507-28-9640.000 Parcel #: 021537 0110 21 Application #: BRES2012-0089 Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_

Applicant Name: Annie Christine Wiggins  
Address: 306 Suggs Rd. Dunn, NC 28334

Type of Facility Served by Well: Modular

Sewage System: 25% Reduction Sys.

Permit Conditions: Location - 306 Suggs Rd. (SR 1727)

General Permit Conditions:

- Drinking water supply well construction must meet 15A NCAC 02C.100 rules
- The permitted drinking water supply well shall be located in accordance with the **SITE PLAN**
- **ANY ALTERATION** of the site of the site (including location of structures and appurtenance) or modification in use of the well, may subject this Permit to revocation

Authorized State Agent [Signature] Date 01/14/2021

Grouting Inspection Witnessed \_\_\_\_\_ Date \_\_\_\_\_

Grouting self-certified by driller GW-1 provided?  Yes  No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 01/15/2021 Application #: BRES2012-0089 Well Contractor: \_\_\_\_\_

Applicant Name: Annie Christine Wiggins  
Address: 306 Suggs Rd. Dunn, NC 28334  
Directions to Site: 306 Suggs Rd. (SR 1727)

Use of Well: \_\_\_\_\_ Date Drilled: \_\_\_\_\_ Total Depth: \_\_\_\_\_ Replacement Well?  Yes  No  
Static Water Level: \_\_\_\_\_ Top of Casing is \_\_\_\_\_ in. above surface. Yield: \_\_\_\_\_ gpm at \_\_\_\_\_ ft.  
Disinfection: Type \_\_\_\_\_ Amount \_\_\_\_\_

Water Zone (depth)	Casing	Grout
From _____ To _____	From _____ To _____	From <u>0</u> To _____
From _____ To _____	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
From _____ To _____	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____
	From _____ To _____	From _____ To _____
	Diameter: _____ Material: _____ Thickness: _____	Material: _____ Method: _____

Inspector: \_\_\_\_\_ On Hold Date: \_\_\_\_\_ Release Date: \_\_\_\_\_

Remarks: \_\_\_\_\_

Well Head Information

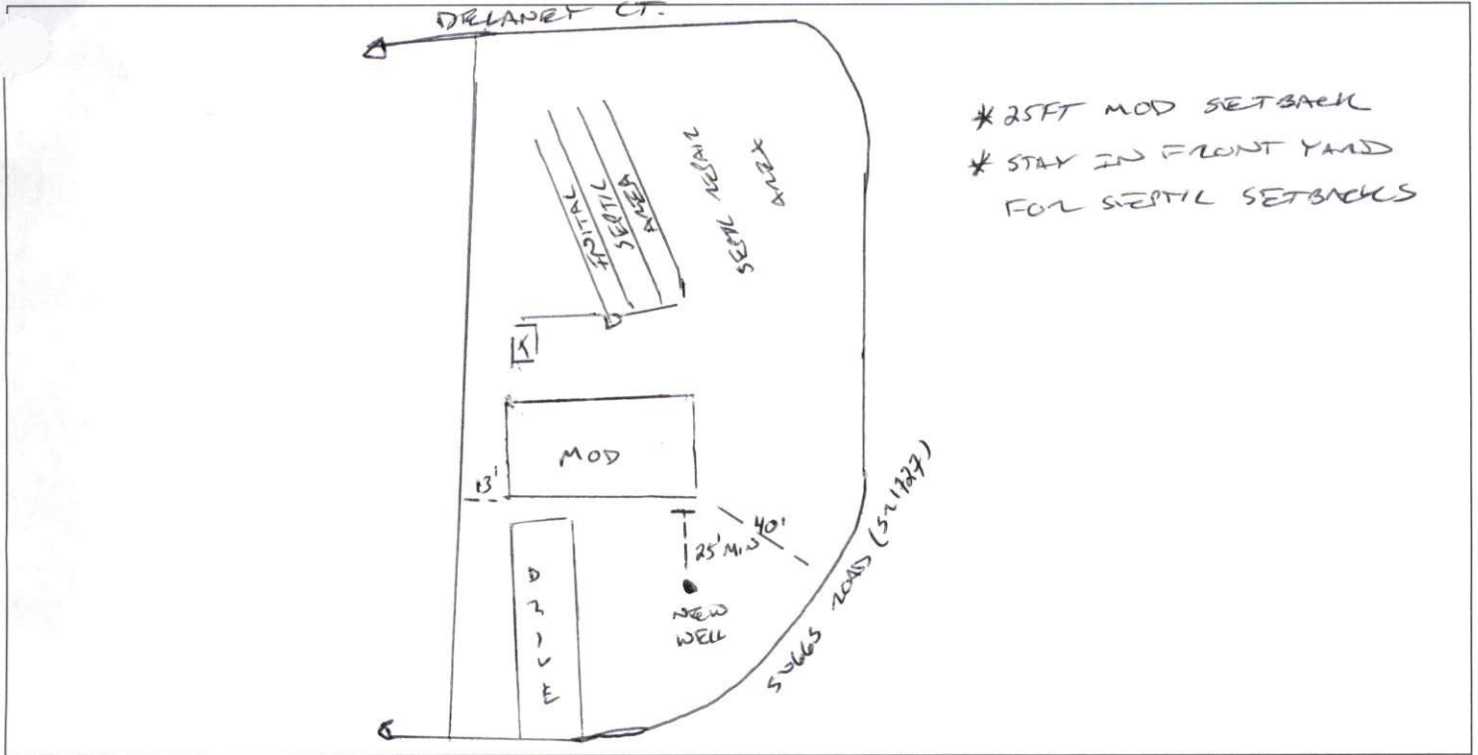
Casing Height: 12.04 (above finished grade) Access Port: \_\_\_\_\_ Vent Stack: \_\_\_\_\_  
Well ID Tag: YES Pump ID Tag: ABOVE Sampling Tap:  Backflow Preventer: \_\_\_\_\_  
Sample Taken?  Yes  No Well Head properly sealed:

Remarks: DEFENDED TO 100' OFF WELL

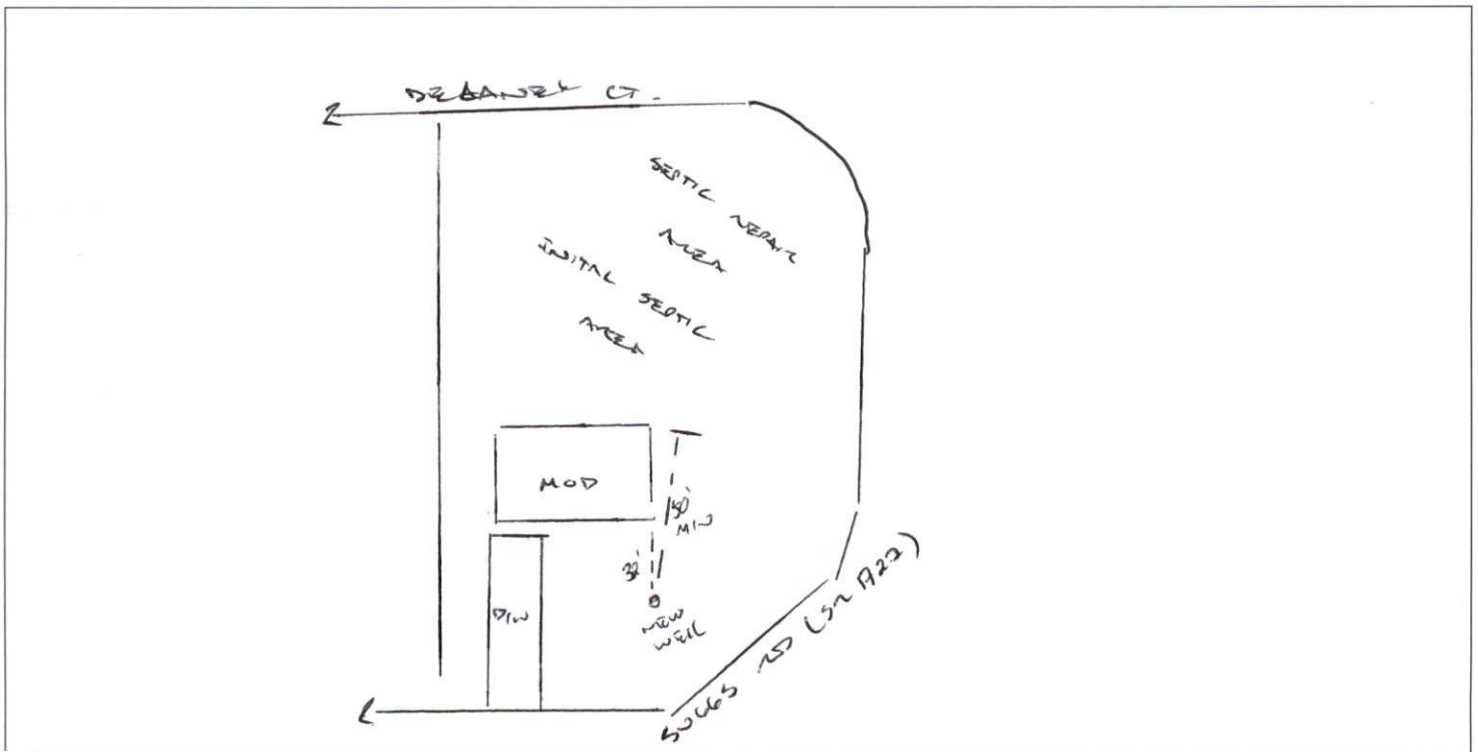
Authorized State Agent [Signature] Date 04/15/2021

See Attachment for completion sketch

### Well Construction Sketch



### Completion Sketch



**WELL CONSTRUCTION RECORD (GW-1)**

**1. Well Contractor Information:**

Larry Williford Jr  
 Well Contractor Name  
 2803-A  
 NC Well Contractor Certification Number  
 Williford's Well Drilling  
 Company Name

**2. Well Construction Permit #:**

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

**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:** 4-2-21 **Well ID#** \_\_\_\_\_

**5a. Well Location:**

Annie C Wiggins  
 Facility/Owner Name  
 306 Suggs Rd Dunn NC 28334  
 Physical Address, City, and Zip  
 Harnett  
 County  
 1507-28-9101000  
 Parcel Identification No. (PIN)

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

35.339488 N -78.654753 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:** 26 (ft.)  
 For multiple wells list all depths if different (example- 3@200' and 2@100')

**10. Static water level below top of casing:** 13 (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)** 8 **Method of test:** pumping  
**13b. Disinfection type:** HTH **Amount:** 1/4 cup

For Internal Use Only:

**14. WATER ZONES**

FROM	TO	DESCRIPTION
22 ft.	24 ft.	Coarse sand/gravel

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
1 ft.	22 ft.	2 in.	Sub 40	PVC

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

**17. SCREEN**

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
22 ft.	24 ft.	2 in.	.012	Sub 40	PVC

**18. GROUT**

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	20 ft.	Bentonite 2 - 50lb bags	pour

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

FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 ft.	26 ft.	#2 sand	pour

**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.	Red clay
7 ft.	22 ft.	orange white clay
22 ft.	26 ft.	Coarse sand/gravel

**21. REMARKS**

**22. Certification:**

Larry Williford Jr  
 Signature of Certified Well Contractor  
 4-2-21  
 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 site details or well construction details. You may also attach additional pages if necessary.

**SUBMITTAL INSTRUCTIONS**

**24a. For All Wells:** Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
 1617 Mail Service Center, Raleigh, NC 27699-1617

**24b. For Injection Wells:** In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
 1636 Mail Service Center, Raleigh, NC 27699-1636

**24c. For Water Supply & Injection Wells:** In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.