

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

SFD 1905 WTS

PIN #:0527-11-4073.000 Parcel #:010527 0003 01 Application #: Subdivision: _____ Lot #:

Applicant Name: Custom Contracting Corp
Address: 1504 S. Horner Blvd Sanford NC 27330

Type of Facility Served by Well: SFD

Sewage System: 25% Reduction System

Permit Conditions:

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] ^{REV (02.1.16.22)} _(TOLKSON) Date 6/24/2019

Grouting Inspection Witnessed [Signature] Date 2/7/2020

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

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 3/10/20 Application #: SFD1905 Well Contractor: John Bayette
Applicant Name: Custom Contracting ⁰⁰⁷⁸ *Reference GWI
Address: 2254 Farrar Dairy Rd
Directions to Site: _____

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: 14" (above finished grade) Access Port: Vent Stack:
Well ID Tag: Pump ID Tag: Sampling Tap: Backflow Preventer:
Sample Taken? Yes No Well Head properly sealed:

Remarks: _____

Authorized State Agent [Signature] ^{REV-1} Date 3/10/2020

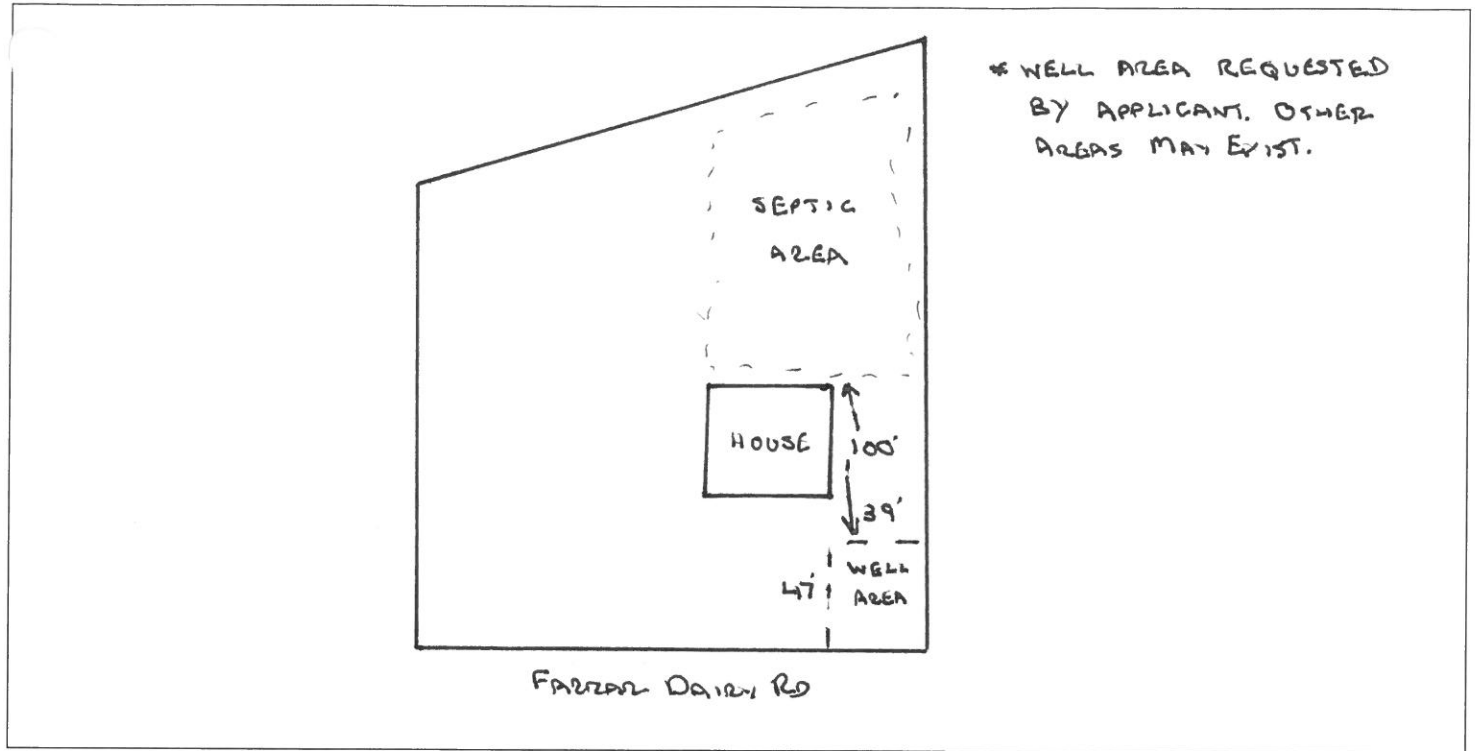
See Attachment for completion sketch [Signature]

Application #: Applicant Name:

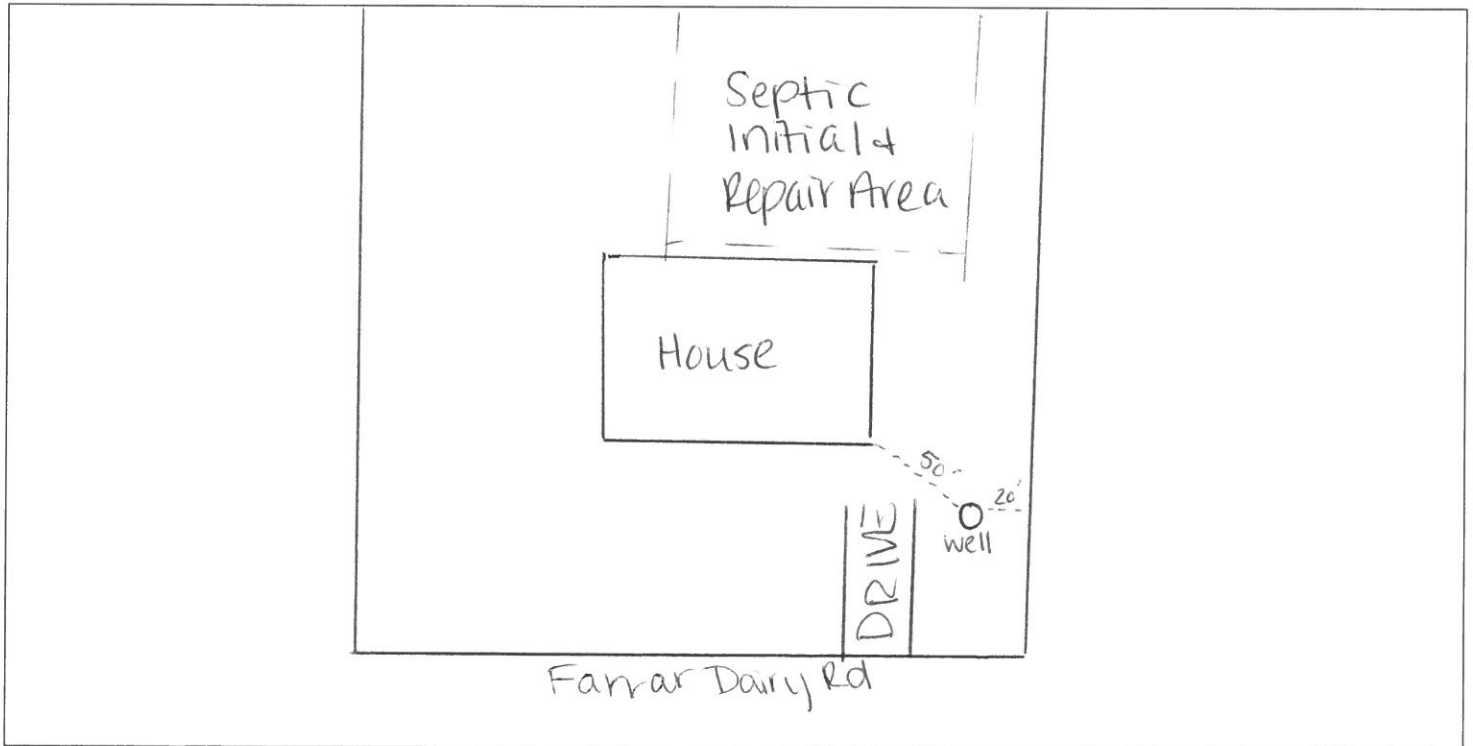
Subdivision: _____

Lot #:

Well Construction Sketch



Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

John H. Boyette Jr.

Well Contractor Name

2505

NC Well Contractor Certification Number

Boyette Well & Septic Inc.

Company Name

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UTC, 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

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: 2/10/20 Well ID# _____

5a. Well Location: Van Broce

Facility/Owner Name: 2254 FARM AN Daisy Rd.

Physical Address, City, and Zip: Harrell

County: _____ Parcel Identification No. (PIN) _____

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees: (if well field, one lat/long is sufficient)
35.318856 N -78.928277 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: 305 (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 "A"

11. Borehole diameter: 6.25 (in.)

12. Well construction method: Partial, 10TH
(i.e. auger, rotary, cable, direct push, etc.)

FOR WATER SUPPLY WELLS ONLY:

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

13b. Disinfection type: HTH Amount: 16 Oz.

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
260 ft	282 ft	
ft	ft	

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

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

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	22 ft	Bentonite	Pumped
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.)
45 ft	40 ft	CLAY
40 ft	65 ft	Sandstone
65 ft	305 ft	Granite
ft	ft	
ft	ft	
ft	ft	

21. REMARKS

22. Certification: [Signature] Date: 3/5/20

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.