

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

PIN #: 1611-10-7176.000 Parcel #: 071519 0006 32 Application #: BRES2007-0047 Subdivision: _____ Lot #: _____

Applicant Name: Anthony Underhill
Address: 162 Forever Ln Coats, NC 27521

Type of Facility Served by Well: SFD

Sewage System: 25% Reduction System

Permit Conditions: 160 Forever Ln (Ebenezer Church Road - SR 1558)

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 08/19/2020

Grouting Inspection Witnessed _____ Date _____
 Grouting self-certified by driller GW-1 provided? Yes No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 05/21/21 Application #: BRES2007-0047 Well Contractor: Anthony Underhill
BANERJEE WELL DRILLING

Applicant Name: Anthony Underhill
Address: 62 Forever Ln Coats, NC 27521
Directions to Site: 160 Forever Ln (Ebenezer Church Road - SR 1558)

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 0 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

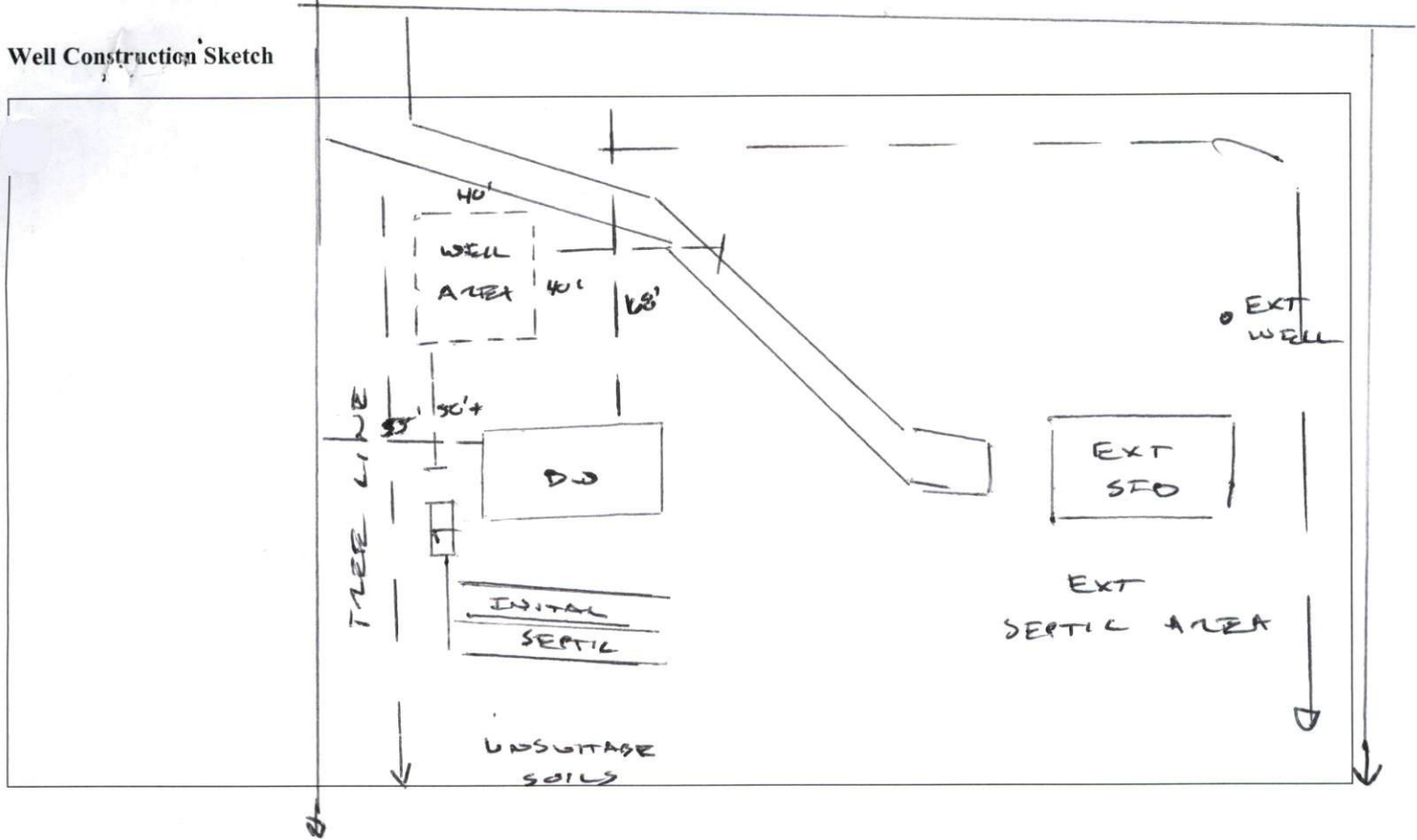
Casing Height: 16in (above finished grade) Access Port: Vent Stack:
Well ID Tag: Pump ID Tag: Sampling Tap: Backflow Preventer: _____
Sample Taken? Yes No Well Head properly sealed:

Remarks: SAMPLE DEFERRED FOR POWER

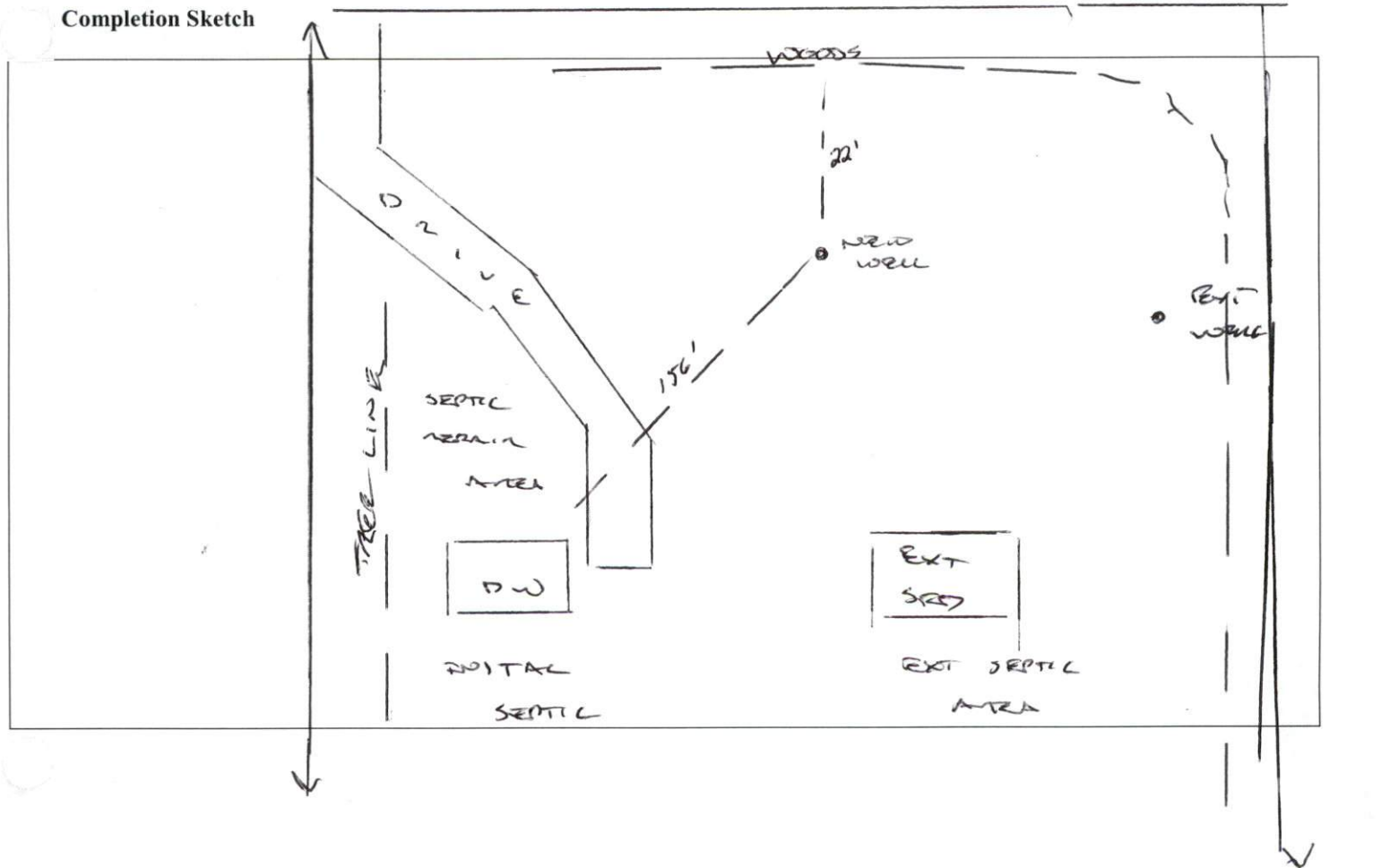
Authorized State Agent [Signature] Date 05/21/2021

See Attachment for completion sketch

Well Construction Sketch



Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Justin Barefoot

Well Contractor Name

3474-A

NC Well Contractor Certification Number

Barefoot'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 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: 5-4-21 Well ID# _____

5a. Well Location:

Anthony Underhill

Facility/Owner Name

Facility ID# (if applicable)

160 Forever Ln.

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)

35.426017 N -78.624573 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: 225' (ft.)

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

10. Static water level below top of casing: 50 (ft.)

If water level is above casing, use " "

11. Borehole diameter: 10 (in.)

12. Well construction method: rotary

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 20 Method of test: Air

13b. Disinfection type: Chlorine Amount: 1 gallon

For Internal Use Only:

14. WATER ZONES

FROM	TO	DESCRIPTION
211 ft.	225 ft.	Bedrock

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	211 ft.	4 1/2 in.	40	PVC

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.	25 ft.	hole plug	gravity
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.	200 ft.	Sand Clay M/M
200 ft.	211 ft.	Hard Clay Rock
211 ft.	225 ft.	Bedrock
ft.	ft.	
ft.	ft.	
ft.	ft.	

21. REMARKS

22. Certification

Signature of Certified Well Contractor

5-10-21
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 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