

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

PIN #: \_\_\_\_\_ Parcel #: \_\_\_\_\_ Application #: BRES2303-0062 Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_

Applicant Name: Shelby McConnell  
Address: 656 Black Ln (SR 1299)

Type of Facility Served by Well: 30'x74' SFD

Sewage System: pump to 25% reduction

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 Mohd R. REH Date 4-27-23

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

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: \_\_\_\_\_ Application #: BRES2303-0062 Well Contractor: \_\_\_\_\_

Applicant Name: Shelby McConnell  
Address: 656 Black Ln (SR 1299)  
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 \_\_\_\_\_

<u>Water Zone (depth)</u>	<u>Casing</u>	<u>Grout</u>
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

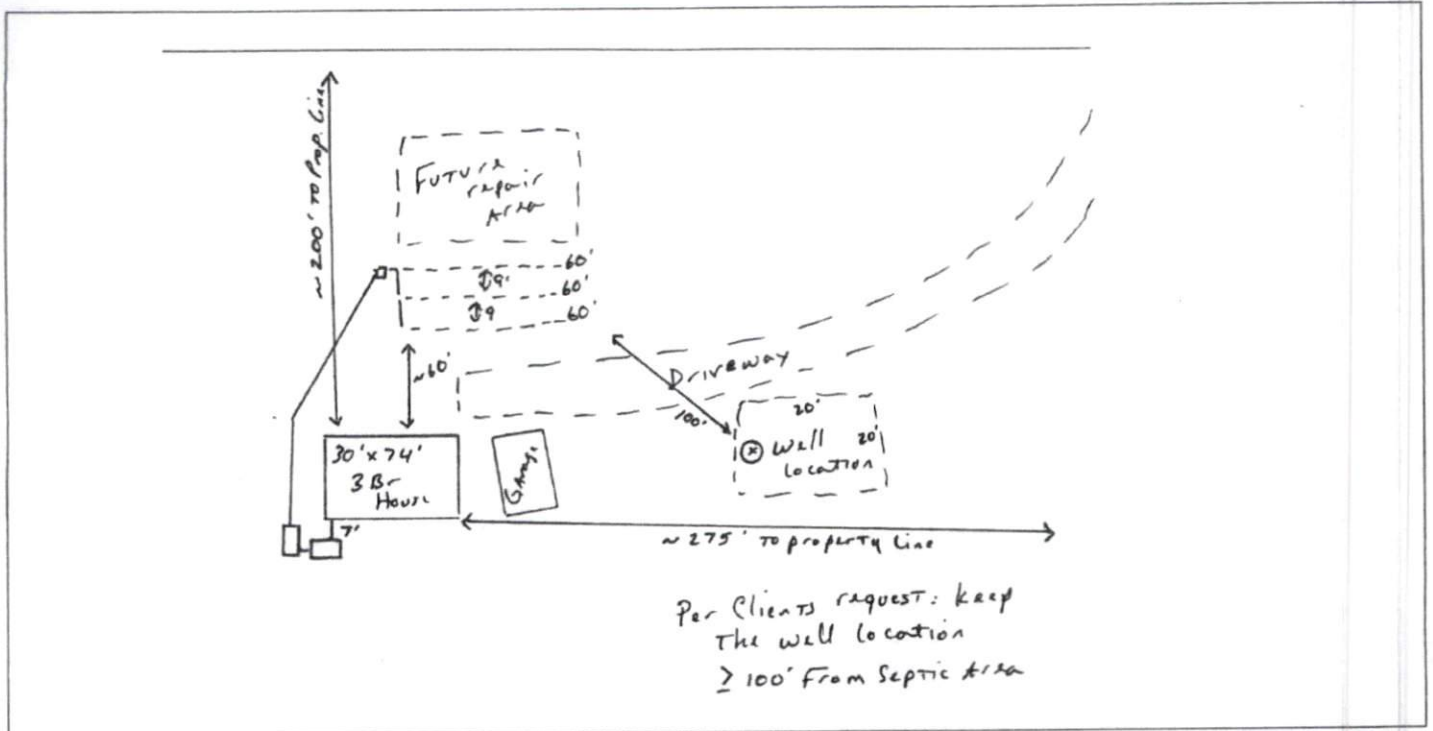
Casing Height: 13 (above finished grade) Access Port:  Vent Stack:   
Well ID Tag:  Pump ID Tag:  Sampling Tap:  Backflow Preventer: \_\_\_\_\_  
Sample Taken?  Yes  No Well Head properly sealed:

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

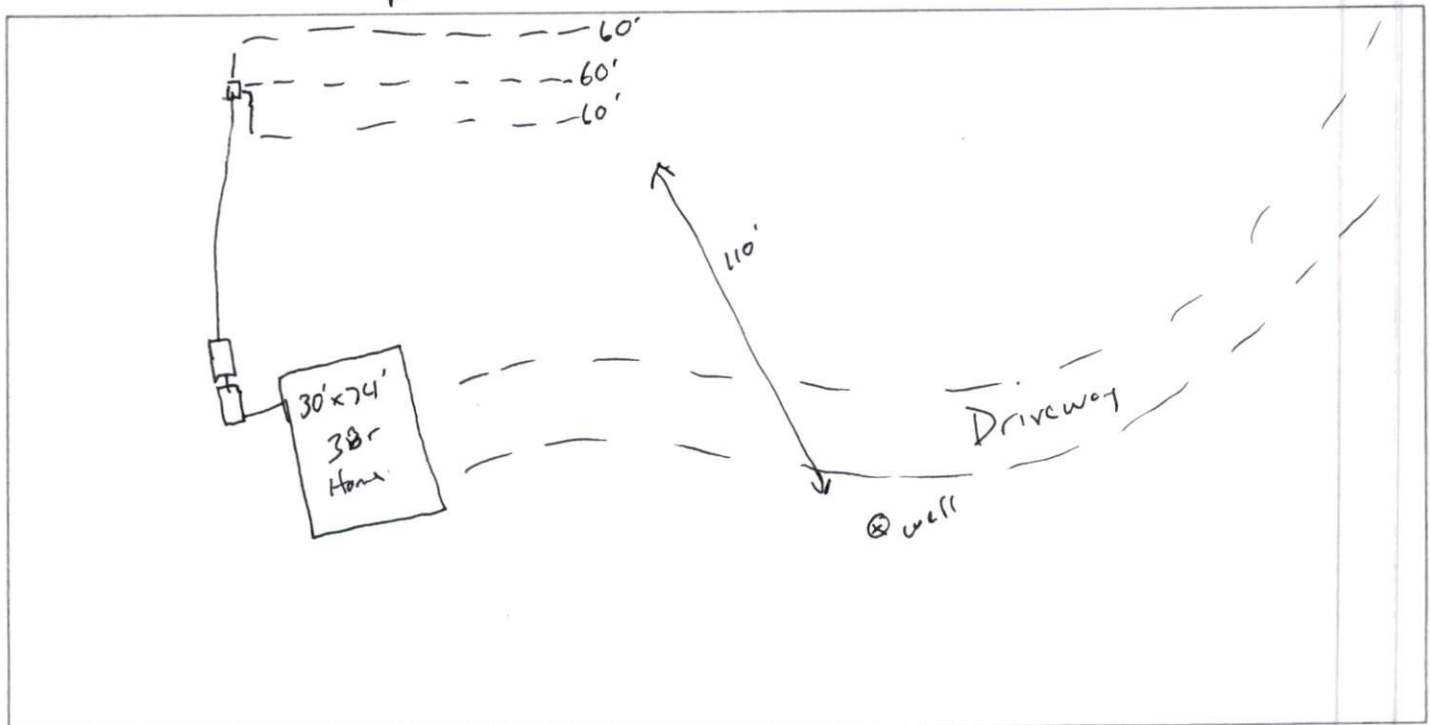
Authorized State Agent Mohd R. REH Date 4-2-24

See Attachment for completion sketch

### Well Construction Sketch



### Well Completion Sketch



# WELL CONSTRUCTION RECORD (GW-1)

Print Form

## 1. Well Contractor Information:

Michael Maness

Well Contractor Name

NC WC 2470-A

NC Well Contractor Certification Number

WW Maness & Sons

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: 2-21-24 Well ID#

## 5a. Well Location:

Shelby McConnell

Facility/Owner Name

Facility ID# (if applicable)

656 Black Ln Lillington NC 27546-

Physical Address, City, and Zip

Harnett

7597

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° 23' 11" N 78° 54' 24" 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: 220 (ft.)

For multiple wells list all depths if different (example: 2@200' and 3@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: Air Rotary

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

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 80 Method of test: Ar

13b. Disinfection type: H+H Amount: 12and

For Internal Use Only:

14. WATER ZONES					
FROM	TO	DESCRIPTION			
ft.	100 ft.	Seam			
ft.	130 ft.	35gpm 185'-40gpm			
15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
ft.	41 ft.	82 ft.	6.25 in.	SDR21	PVC
16. INNER CASING OR TUBING (geothermal closed-loop)					
FROM	TO	DIAMETER	THICKNESS	MATERIAL	
ft.	ft.	ft.	in.		
ft.	ft.	ft.	in.		
17. SCREEN					
FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	0 ft.	ft.	in.		
ft.	ft.	ft.	in.		
18. GROUT					
FROM	TO	MATERIAL	ENPLACEMENT METHOD & AMOUNT		
ft.	0 ft.	20' ft.	Bentonite	Pumped	
ft.	ft.	ft.			
ft.	ft.	ft.			
19. SAND/GRAVEL PACK (if applicable)					
FROM	TO	MATERIAL	ENPLACEMENT METHOD		
ft.	ft.	ft.			
ft.	ft.	ft.			
20. DRILLING LOG (attach additional sheets if necessary)					
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)			
ft.	0 ft.	70 ft.	Clay		
ft.	70 ft.	220 ft.	Granite		
ft.	ft.	ft.			
ft.	ft.	ft.			
ft.	ft.	ft.			
ft.	ft.	ft.			
21. REMARKS					

## 22. Certification:

Michl Ma

Signature of Certified Well Contractor

2-21-24

Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C.0103 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.