

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

PIN #: _____ Parcel #: _____ Application #: BRES2102-0022 Subdivision: _____ Lot #: _____

Applicant Name: Aaron Thomas
Address: McNeill Hobbs Rd, Bunnlevel (SR2072)

Type of Facility Served by Well: 28' x 56' (3Br.) Modular

Sewage System: Pump to mound

Permit Conditions: Well must meet all state rules for private drinking water wells

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 Mark A. REHS Date 3-4-21

Grouting Inspection Witnessed Mark A. REHS Date 7-28-21
 Grouting self-certified by driller GW-1 provided? Yes No

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 7-28-21 Application #: BRES2102-0022 Well Contractor: Bits Well Drilling

Applicant Name: Aaron Thomas
Address: 2068 McNeill Hobbs Rd, Bunnlevel, NC
Directions to Site: _____

Use of Well: Private Water Supply Date Drilled: 7-28-21 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

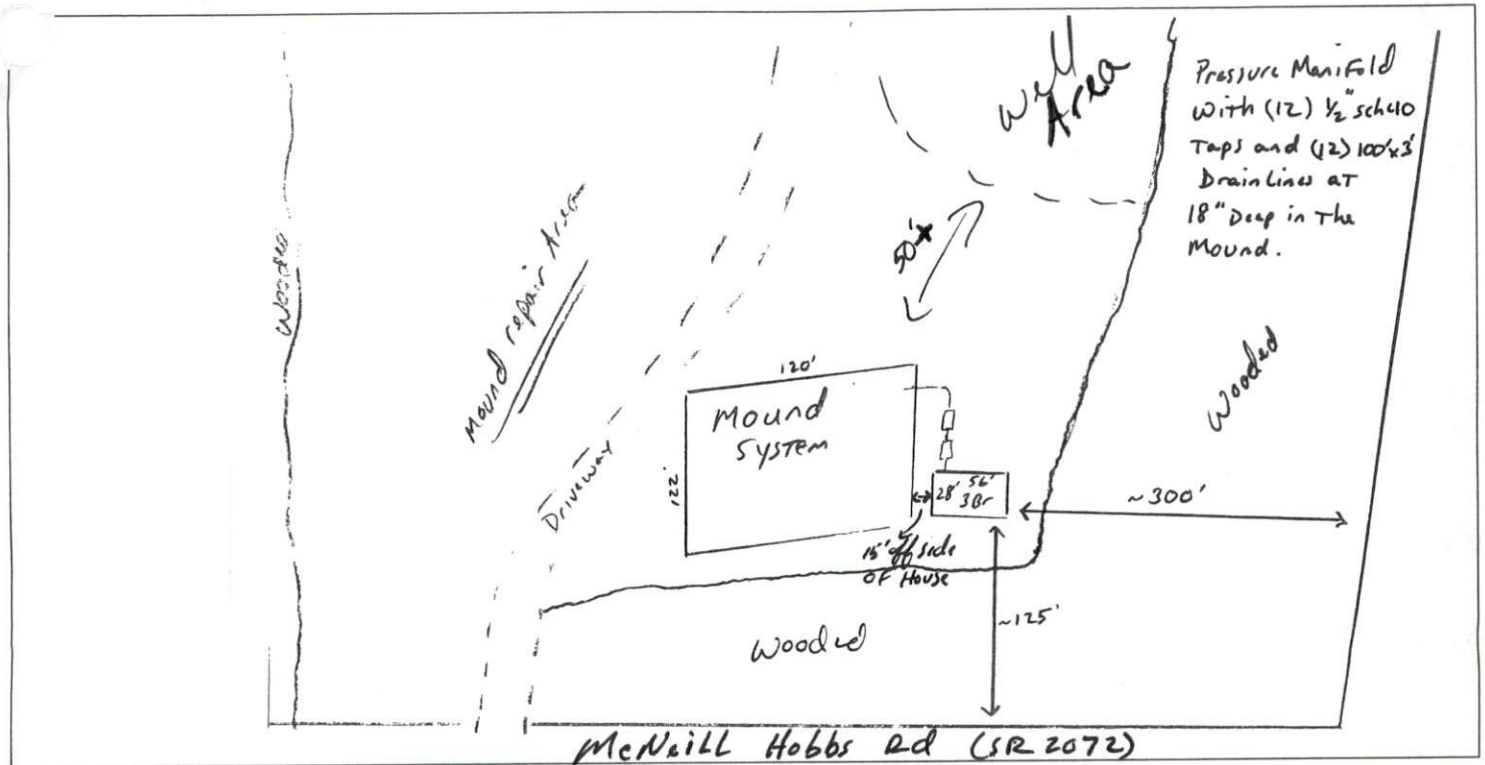
Casing Height: 12" (above finished grade) Access Port: Vent Stack:
 Well ID Tag: Pump ID Tag: _____ Sampling Tap: Backflow Preventer:
 Sample Taken? Yes No Well Head properly sealed:

Remarks: Did not see pump tag, and shed style well house being constructed around well

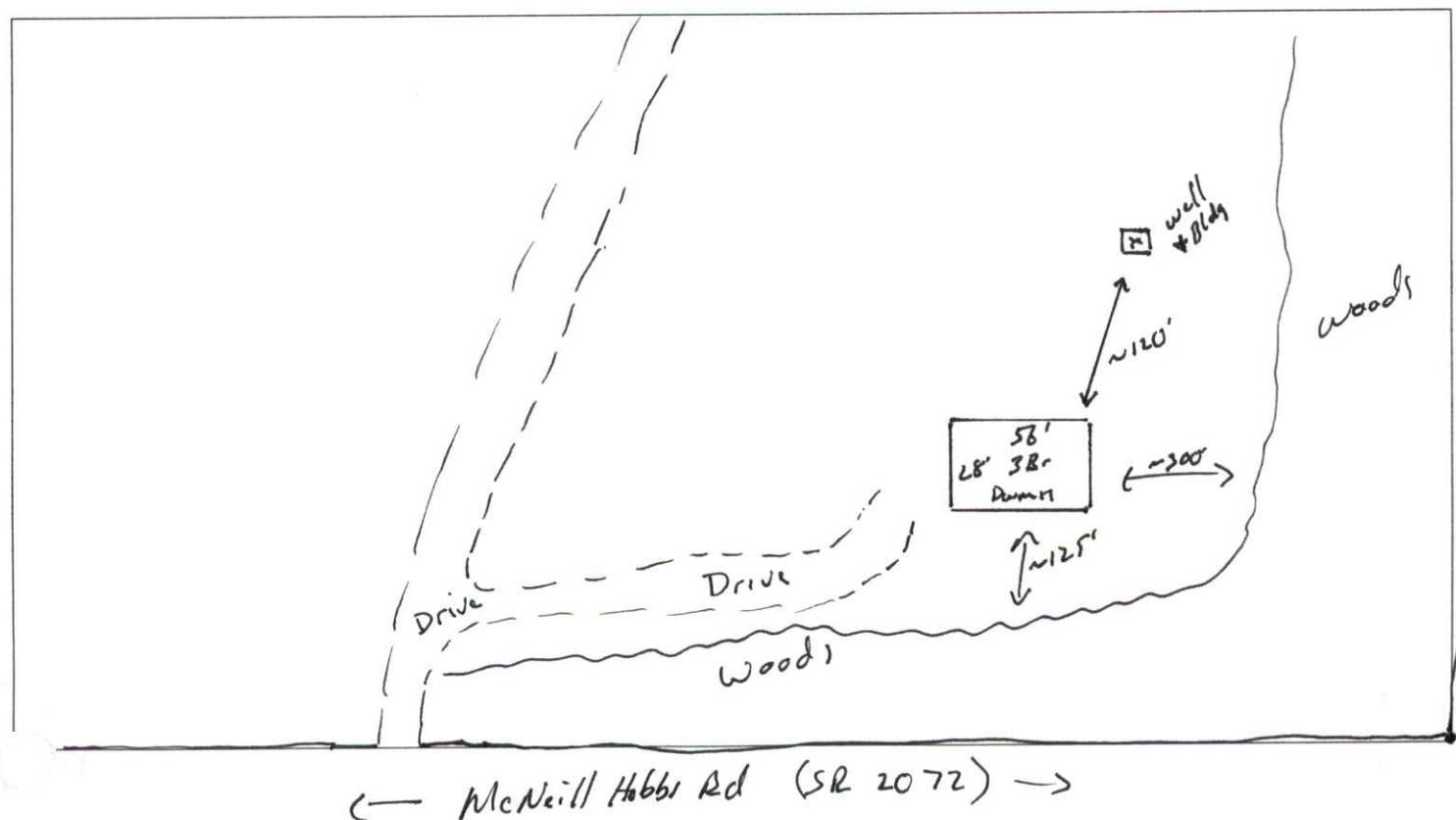
Authorized State Agent Mark A. REHS Date 10-11-21

See Attachment for completion sketch

Well Construction Sketch



I Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)



Form GW-1 Well Construction Electronic Form
North Carolina Department of Environmental Quality
Division of Water Resources
April 1, 2021

Submission ID#

GW1-2021-00583

Are you submitting a printed form? *

- Yes
 No

CONTACT INFORMATION

Contact Name *

Jonathan Kamionnka

Email Address *

office@billswelldrilling.com

Is this a revision to the form you have previously submitted? *

- Yes No

WELL CONSTRUCTION INFORMATION

1. Who is installing these wells? *

- Owner Well Contractor

1. Well Contractor Information:

Certificate #	Cert Level	First Name	Last Name	Company Name
3465	A	JONATHAN	KAMIONKA	BILLS WELL DRILLING CO, INC.

2. Well Construction Permit #:

2102-0022

List all applicable well construction permits (i.e. Monitoring Wells, UIC, County, CCPCUA, etc.)

What type of well is this? *

- Injection Well
 Water Supply Well (includes irrigation wells)
 Non-Water Supply Well

3. Water Supply Well *

- Geothermal (Heating/Cooling Supply)
 Irrigation
 Residential Water Supply (single)
 Wells > 100,000 GPD
 Industrial/Commercial
 Municipal/Public/Community
 Residential Water Supply (shared)

4. Date well was completed and ID#

Date Well Completed *

7/27/2021

Well ID#

Well Yield

40

(gallons per minute)"

5. Well Location

Facility/Owner Name *

Aaron & Melissa Thomas
(Required)

Facility ID#

(If applicable)

County *

Harnett

Parcel Identification No. (PIN)

Physical Address *

Street Address

2068 McNeill Hobbs Road

Address Line 2

City

Bunnlevel

Postal / Zip Code

28323

State / Province / Region

NC

Country

US

Latitude * 35.3339541000

Decimal degrees

Longitude * 78.8228781000

Decimal degrees

6. Is(are) the well(s): * Permanent Temporary

7. Is this a repair to an existing well: * Yes 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.

For multiple Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed.

8a. Indicate TOTAL NUMBER of wells drilled: 1

9. Total well depth below land surface: (ft.)

100

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

9a. What is the depth of the casing from ground surface ?

+1
in feet

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

10

If water level is above casing, use "+"

11. Borehole diameter:

5.75
in inches

12. Well construction method:

Auger

Direct Push

Other

Air Rotary

Mud Rotary

Cable Tool

Rotosonic

13. FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm)

40

If applicable

13a. Method of test:

blow

13b. Disinfection type: *

HTH

13b. Amount: *

1 cup

14. WATER BEARING/FRACTURE ZONES

From	To	Description
60 in feet	80 in feet	
80 in feet	100 in feet	

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

From	To	Diameter	Thickness	Material
1.00 in feet	37.00 in feet	6.25 in inches	SDR21	PVC

17. SCREEN

From	To	Diameter	Thickness	Material
in feet	in feet	in inches		

18. GROUT

From	To	Material	Emplacement Method & Amount
0.00 in feet	20.00 in feet	Bentonite	Poured

19. SAND/GRAVEL PACK (if applicable)

From	To	Material	Emplacement Method
in feet	in feet		

20. DRILLING LOG

From	To	Description (color, hardness, soil/rock type, grain size, etc.)
0.00 in feet	10.00 in feet	Mixed Clay
10.00 in feet	15.00 in feet	Tan Sand
15.00 in feet	20.00 in feet	Gray Clay
20.00 in feet	100.00 in feet	Gray & Green Rock

21. Remarks

22. Site diagram or additional well details:

You may upload additional well construction information here.
pdf only

CERTIFICATION INFORMATION

* 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. Certification *

Jonathan Kamienka

Signature of Certified Well Contractor

Submittal Date

8/4/2021