

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

PIN #: 9579-72-5962.000 Parcel #: 0395790145 Application #: SFD1810-0048 Subdivision: \_\_\_\_\_ Lot #: \_\_\_\_\_

Applicant Name: Red Door Homes/ Kevin Jones  
Address: 14328 McDougald Rd Sanford

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 \_\_\_\_\_ *Horns* Date 11/29/18

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 #: \_\_\_\_\_ Well Contractor: \_\_\_\_\_

Applicant Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
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 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**

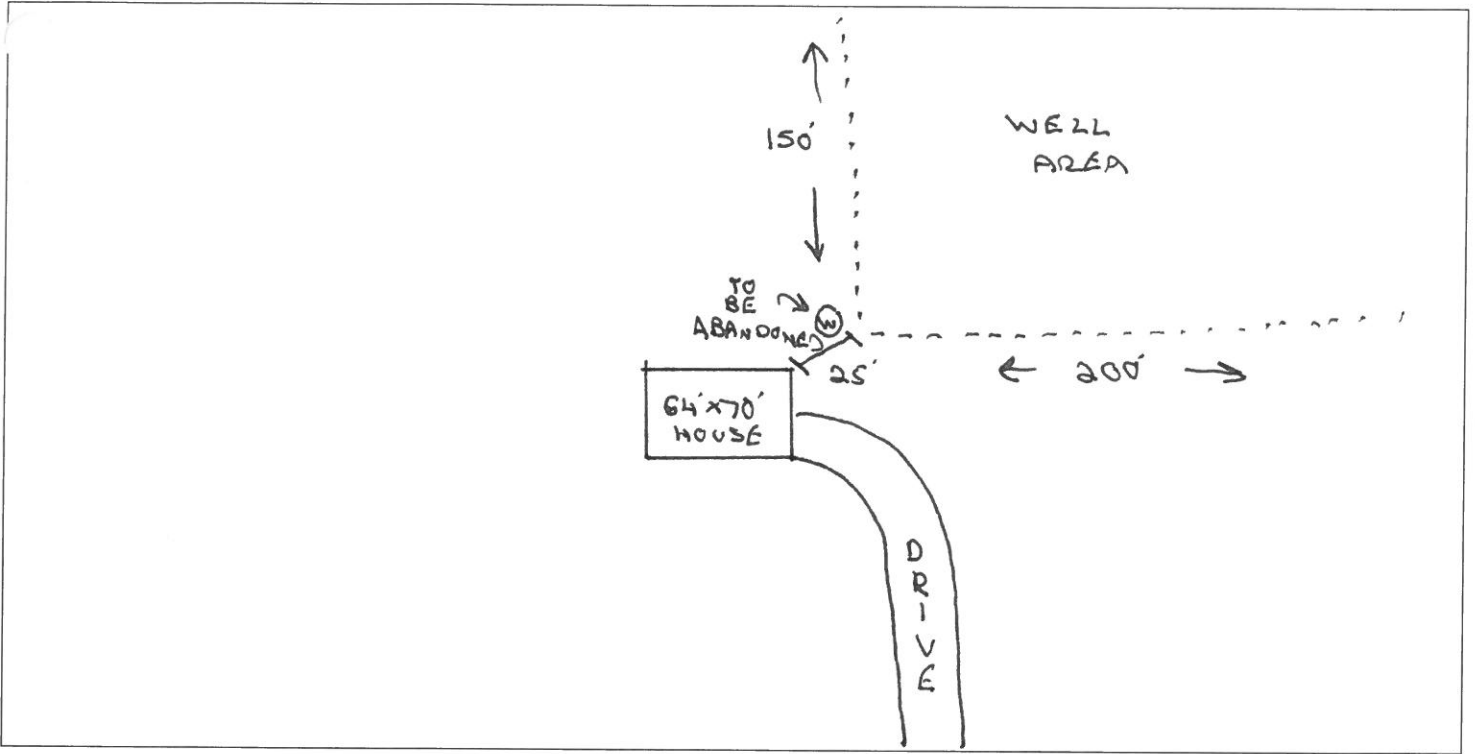
Casing Height: 19" (above finished grade) ✓ Access Port:  ✓ Vent Stack:  ✓  
 Well ID Tag: \_\_\_\_\_ Pump ID Tag:  ✓ Sampling Tap:  ✓ Backflow Preventer: \_\_\_\_\_  
 Sample Taken?  Yes  No Well Head properly sealed:  ✓

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

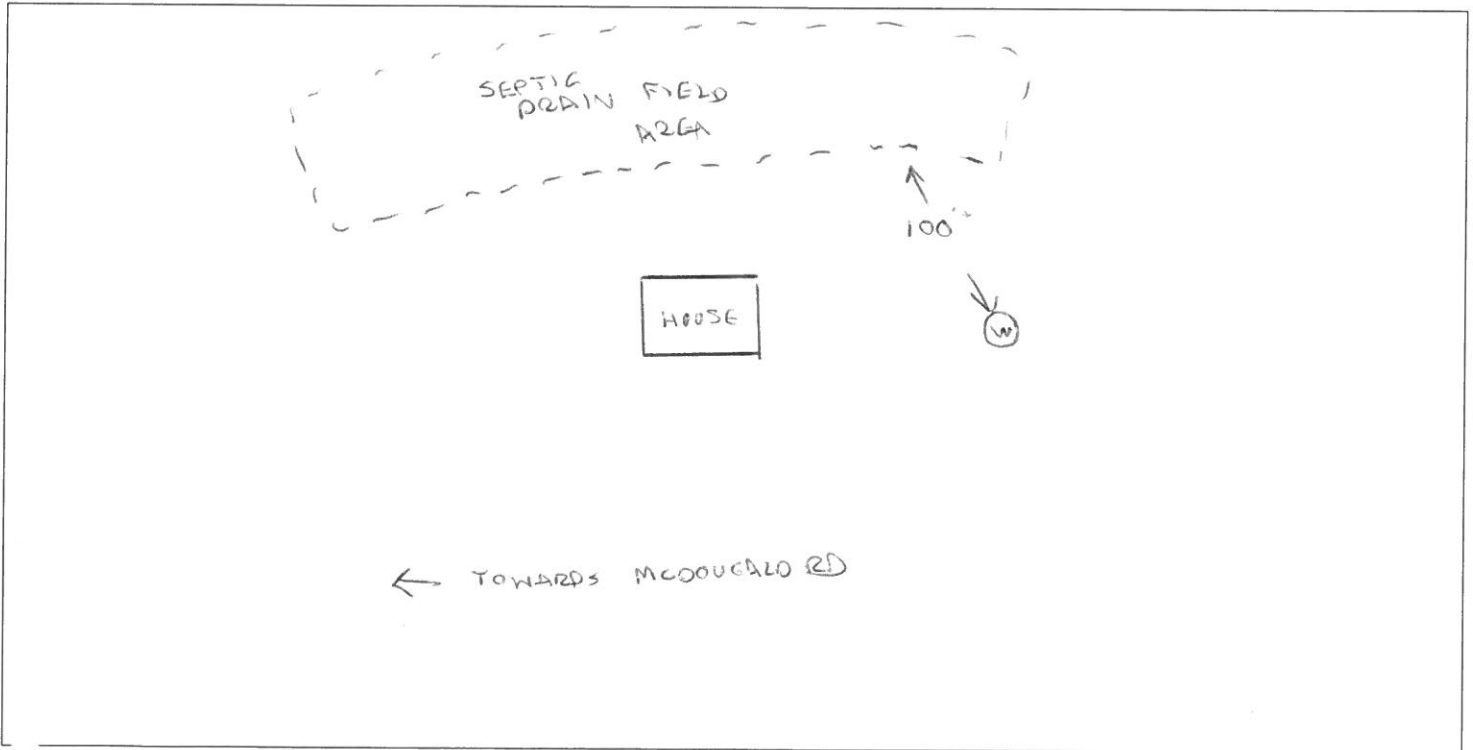
Authorized State Agent \_\_\_\_\_ *REAVIS* Date 3/13/19

See Attachment for completion sketch

**Well Construction Sketch**



**Completion Sketch**



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

Print Form

**1. Well Contractor Information:**

John Boyette, Jr

Well Contractor Name

2505

NC Well Contractor Certification Number

Boyette Well & Septic, Inc.

Company Name

2. Well Construction Permit #: SFO 1810-0048

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: 12/27/18 Well ID# \_\_\_\_\_

**5a. Well Location:**

Red Don Homes

Facility/Owner Name

Facility ID# (if applicable)

14328 McDougall Rd.

Physical Address, City, and Zip

Wannett

County

Parcel Identification No. (PIN)

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

35.379046 N -79.07641 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: 265 (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 "-"

11. Borehole diameter: 6 1/4 (in.)

12. Well construction method: Rotary

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

**FOR WATER SUPPLY WELLS ONLY:**

13a. Yield (gpm) 10 Method of test: Flow

13b. Distribution type: \_\_\_\_\_ Amount: \_\_\_\_\_

For Internal Use Only:

**14. WATER ZONES**

FROM	TO	DESCRIPTION
240 ft.	242 ft.	
ft.	ft.	

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

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		

**16. INNER CASING OR LUBING (for multi-cased wells)**

FROM	TO	DIAMETER	THICKNESS	MATERIAL
115 ft.	126 ft.	6.25 in.	50021	PVC
126 ft.	131 ft.	6.25 in.	188	6 1/4" Gal

**17. SCREEN**

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

**18. GROUT**

FROM	TO	MATERIAL	EMPLACEMENT METHOD & APPROX. AMOUNT
0 ft.	20 ft.	Grout	Pregrout
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.	40 ft.	Clay
40 ft.	110 ft.	Sand
110 ft.	265 ft.	Gravel
ft.	ft.	
ft.	ft.	
ft.	ft.	

**21. REMARKS**

**22. Certification:**

*[Signature]*

Signature of Certified Well Contractor

1/8/19

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C.0108 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.