

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

PIN #: 0509-24-1202.000 Parcel #: 130509007703 Application #: 17-5-42674 Subdivision: \_\_\_\_\_ Lot #:

Applicant Name: David Etheridge  
Address: 470 Fox Hunters Ln Broadway NC 27505

Type of Facility Served by Well: Existing Migrant House

Sewage System: Conventional

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 *James E. Matheson* Date 11-7-17

Grouting Inspection Witnessed *James E. Matheson* Date 11/7/17

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**

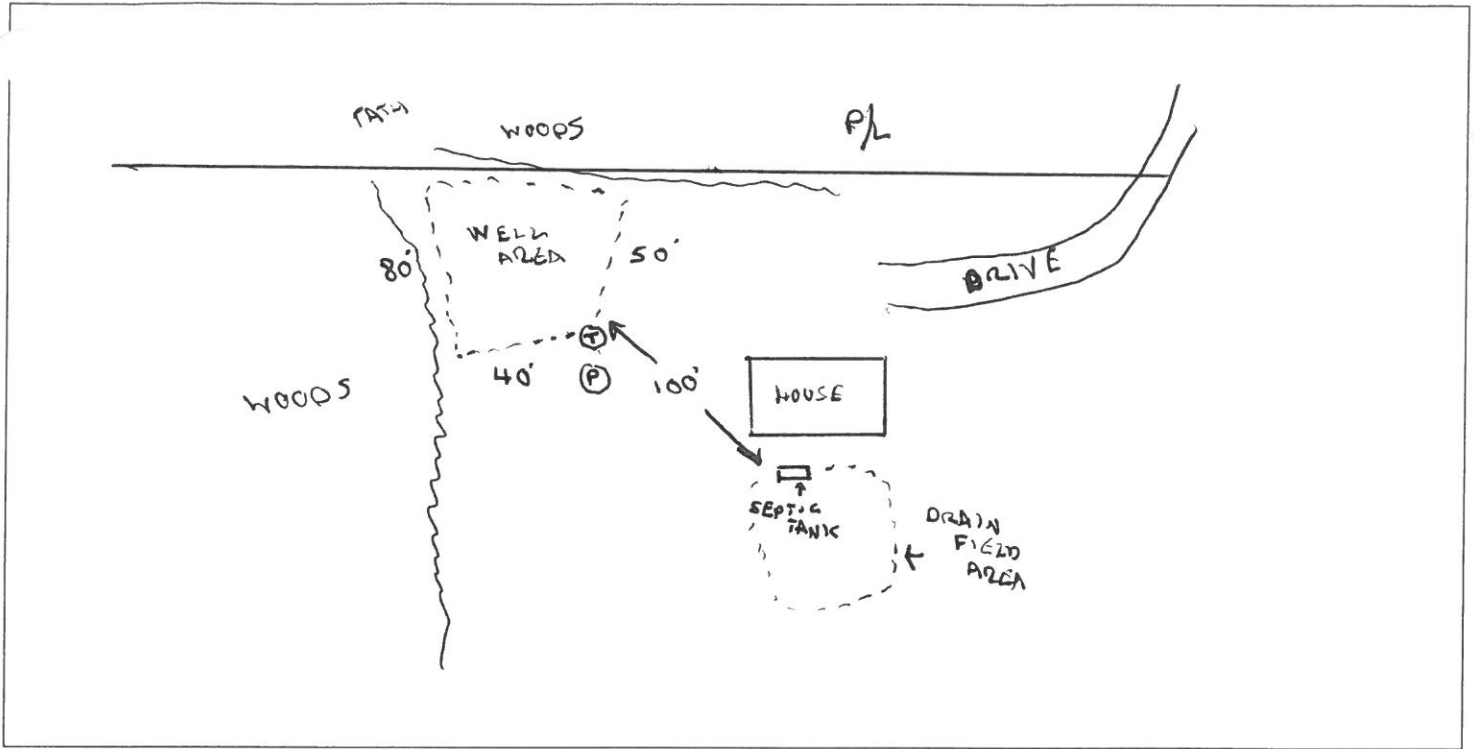
Casing Height: 11" (above finished grade) Access Port:  Vent Stack:   
Well ID Tag:  Pump ID Tag: \_\_\_\_\_ Sampling Tap:  Backflow Preventer: \_\_\_\_\_  
Sample Taken?  Yes  No Well Head properly sealed:

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

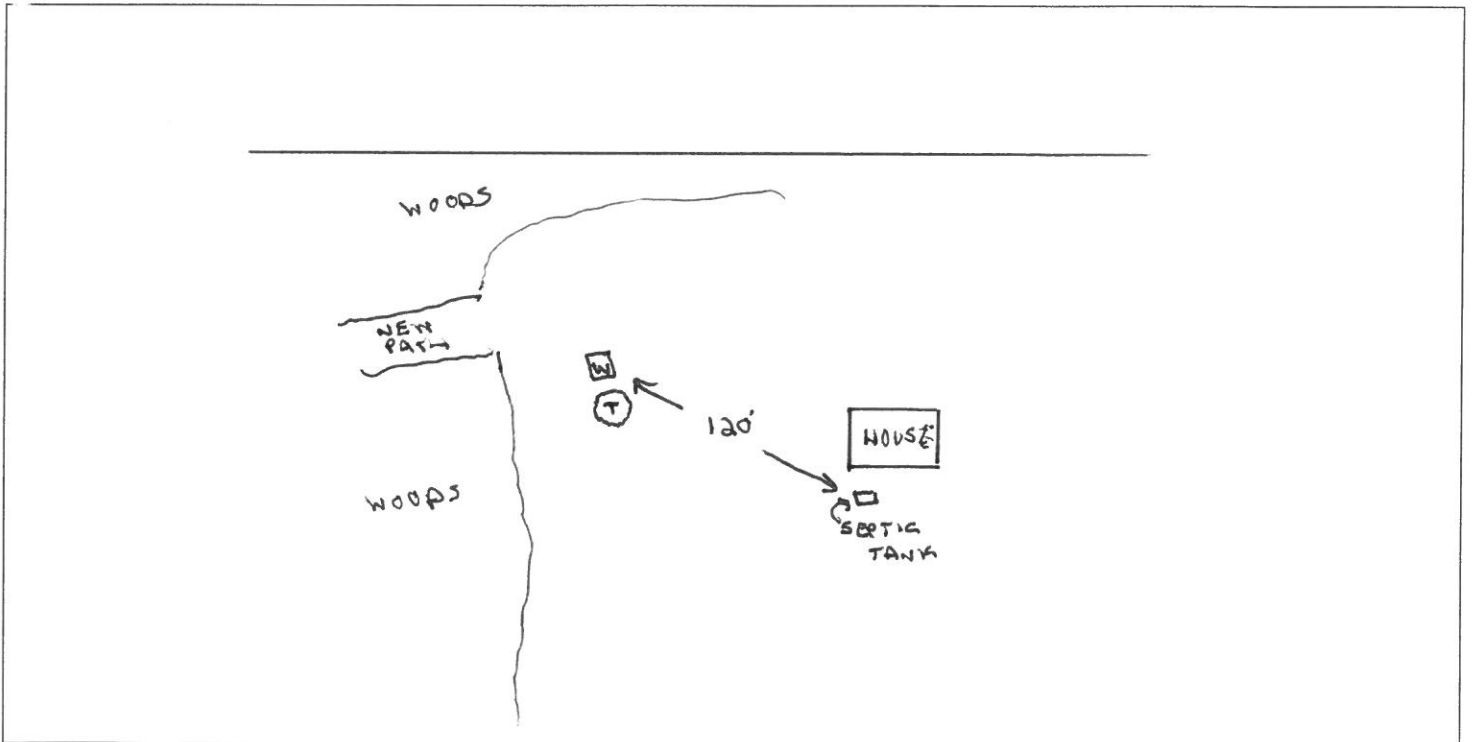
Authorized State Agent *[Signature]* Date 7/23/18

See Attachment for completion sketch

Well Construction Sketch



Well Completion Sketch



Private Copy

### 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. 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: 11/7/19 Well ID# \_\_\_\_\_

5a. Well Location: David Etheridge

Facility/Owner Name 470 Fox Hounds Way Facility ID# (if applicable) \_\_\_\_\_

Physical Address, City, and Zip Hannell

County \_\_\_\_\_ Parcel Identification No. (PIN) \_\_\_\_\_

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees: (if well field, one lat/long is sufficient) 35.378594 N -78.995624 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: 325 (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: 6.25 (in.)

12. Well construction method: Rotary/DTH  
(i.e. auger, rotary, cable, direct push, etc.)

#### FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) 5 Method of test: Flow

13b. Disinfection type: HTH Amount: 16 oz

For Internal Use Only:

| FROM | TO  | DESCRIPTION |
|------|-----|-------------|
| 250  | 287 |             |
| ft.  | ft. |             |

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

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

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

| FROM | TO  | MATERIAL  | EMPLACEMENT METHOD & AMOUNT |
|------|-----|-----------|-----------------------------|
| 0    | 22  | Bentonite | pumped                      |
| ft.  | ft. |           |                             |
| ft.  | ft. |           |                             |

| FROM | TO  | MATERIAL | EMPLACEMENT METHOD |
|------|-----|----------|--------------------|
| ft.  | ft. |          |                    |
| ft.  | ft. |          |                    |

| FROM | TO  | DESCRIPTION (color, hardness, soil/rock type, grade etc., etc.) |
|------|-----|---|
| 0    | 35  | CLAY  |
| 35   | 60  | Sandstone   |
| 60   | 325 | Granite   |
| ft.  | ft. |   |
| ft.  | ft. |   |
| ft.  | ft. |   |
| ft.  | ft. |   |

21. REMARKS

22. Certification: [Signature] Date: 11/15/18

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.