

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

PIN #: 1527-29-9017.000 Parcel #: 021515 0403 Application #: 17-5-41216 Subdivision: NA Lot #: NA

Applicant Name: Gary Peacock
Address: 3069 US 301 N. Dunn, NC 28335

Type of Facility Served by Well: SWMH

Sewage System: 25% Reduction System

Permit Conditions: None

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. Markowitz Date 5-9-17

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

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 06/03/17 Application #: 17-5-41216 Well Contractor: Larry Williford Jr.

Applicant Name: Gary Peacock
Address: 3069 US 301 N. DUNN, NC 28334
Directions to Site: _____

↓ Located on GW-1

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)

From _____ To _____
From _____ To _____
From _____ To _____

Casing

From _____ To _____
Diameter: _____ Material: _____ Thickness: _____
From _____ To _____
Diameter: _____ Material: _____ Thickness: _____
From _____ To _____
Diameter: _____ Material: _____ Thickness: _____

Grout

From 0 To _____
Material: _____ Method: _____
From _____ To _____
Material: _____ Method: _____
From _____ To _____
Material: _____ Method: _____

Inspector: _____ On Hold Date: _____ Release Date: _____

Remarks: _____

Well Head Information

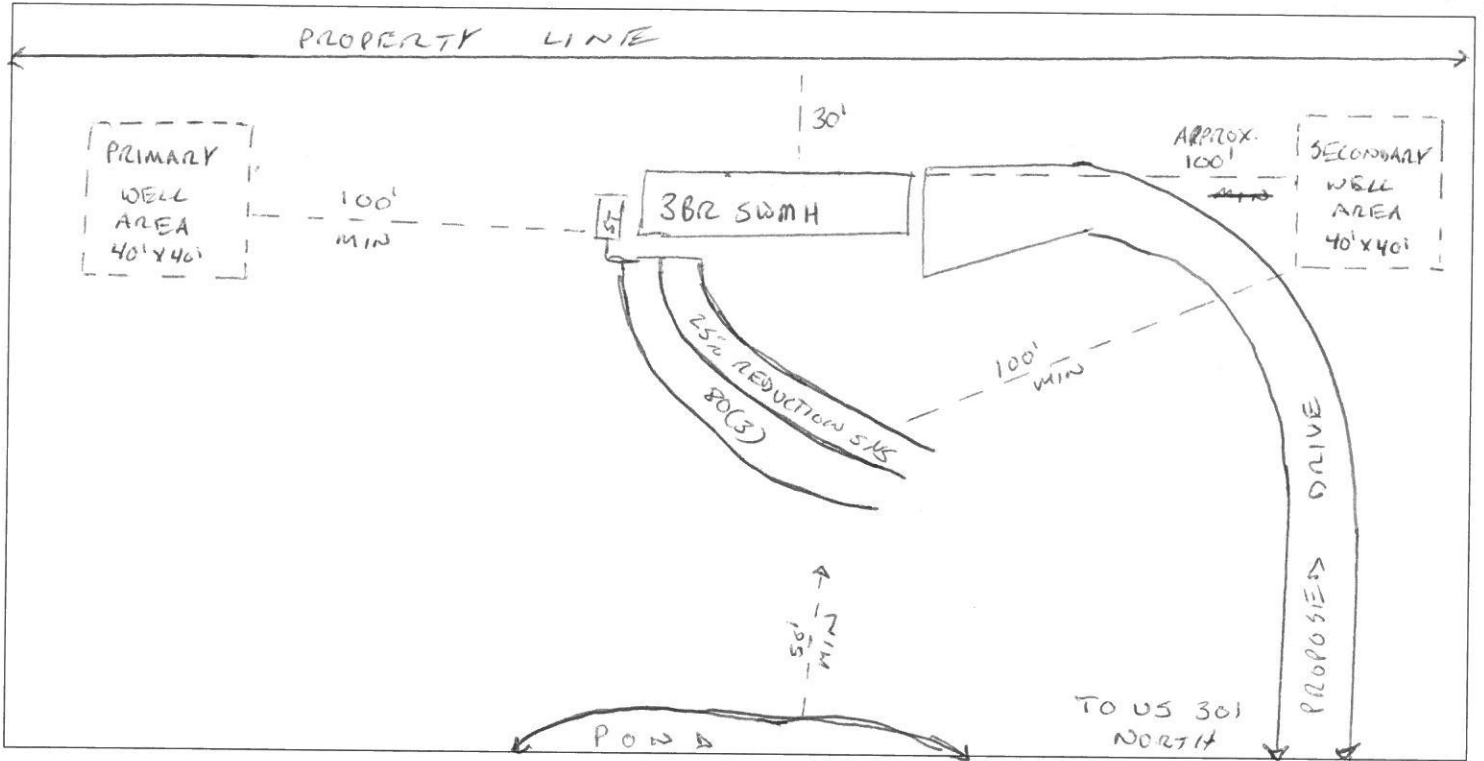
Casing Height: 12 in (above finished grade) Access Port: NO Vent Stack: NO
Well ID Tag: Pump ID Tag: Sampling Tap: Backflow Preventer: NO
Sample Taken? Yes No Well Head properly sealed:

Remarks: Water sample requested after power

Authorized State Agent James E. Markowitz Date 9-7-17

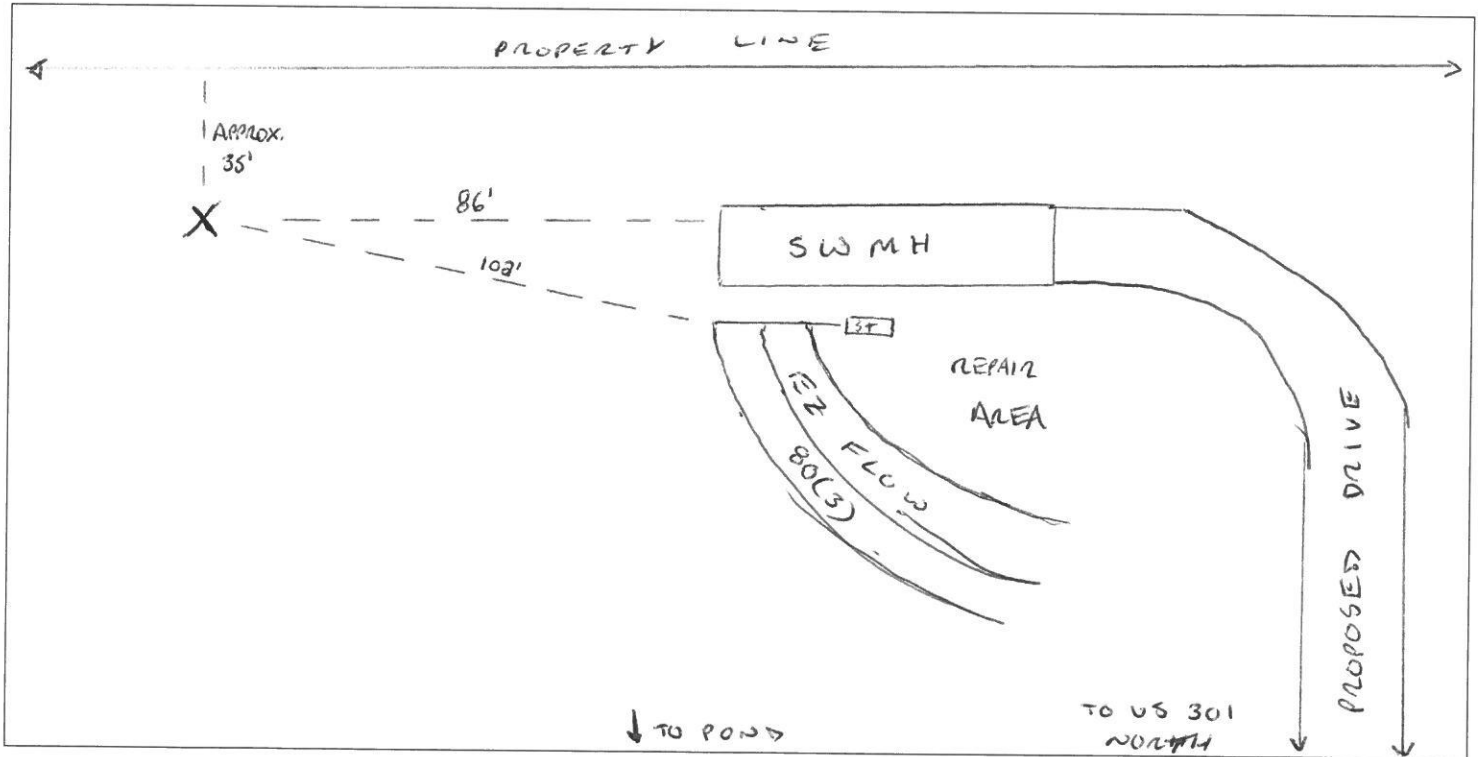
See Attachment for completion sketch Antonia Cook, NCHS

Well Construction Sketch



* 3BR SWMH
* 35FE P.L.

Well Completion Sketch



WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Well Contractor Name: Larry Williford Jr.
2863-A
 NC Well Contractor Certification Number
 Company Name: Williford's Well Drilling

2. Well Construction Permit #: Application # 17-5-41216
 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: 6-22-17 Well ID# _____

5a. Well Location:

Facility/Owner Name: Gary Peacock Facility ID# (if applicable) _____
 Physical Address, City, and Zip: 3069 US 301 N. DUNN NC 28334
Harnett
 County: _____ Parcel Identification No. (PIN): 1527-29-9017.000

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

35° 20.531 N 78° 35.387 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: 1

9. Total well depth below land surface: 36 (ft.)
 For multiple wells list all depths if different (example - 3@200' and 2@100')

10. Static water level below top of casing: 5 (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 6 (in.)

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

FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm): 15 Method of test: pumping
 13b. Disinfection type: HTH Amount: 1/4 cup

For Internal Use Only:

14. WATER ZONES		
FROM	TO	DESCRIPTION
32 ft.	36 ft.	coarse sand & gravel
ft.	ft.	

15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)				
FROM	TO	DIAMETER	THICKNESS	MATERIAL
-1 ft.	32 ft.	2 in.	SCH 40	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
32 ft.	36 ft.	2 in.	1.012	SCH 40	PVC
ft.	ft.	ft.	in.		

18. GROUT			EMPLACEMENT METHOD & AMOUNT	
FROM	TO	MATERIAL		
0 ft.	20 ft.	Bentonite	pour/gravity	
ft.	ft.		6-50lb bags	
ft.	ft.		Cement cap off	

19. SAND/GRAVEL PACK (if applicable)			
FROM	TO	MATERIAL	EMPLACEMENT METHOD
20 ft.	36 ft.	#2 sand	pour/gravity
ft.	ft.		

20. DRILLING LOG (attach additional sheets if necessary)			
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)	
0 ft.	1 ft.	top soil	
1 ft.	8 ft.	sandy clay	
8 ft.	32 ft.	tan clay	
32 ft.	36 ft.	coarse sand & gravel	
ft.	ft.		
ft.	ft.		
ft.	ft.		

21. REMARKS

22. Certification:
 Signature of Certified Well Contractor: Larry Williford Jr. Date: 6-26-17

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.