

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

PIN #: 1516-23-0863.000 Parcel #: 02-1517-0785 Application #: 07-5-17908 Subdivision: _____ Lot #: _____

Applicant Name: Lee & Jeanette Herring
Address: 2501 Parliment Place Dunn N.C. 28334

Type of Facility Served by Well: SFD

Sewage System: CON

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. Manhart III RPHS Date 2-1-12

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

See attachment for construction sketch

WELL CERTIFICATE OF COMPLETION

Date: 2-22-12 Application #: 17908 Well Contractor: LW

Applicant Name: Herring
Address: Chick Farm - Renovated Home
Directions to Site: _____

*See site sketch
See Well Drillers
CO for
INFO*

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

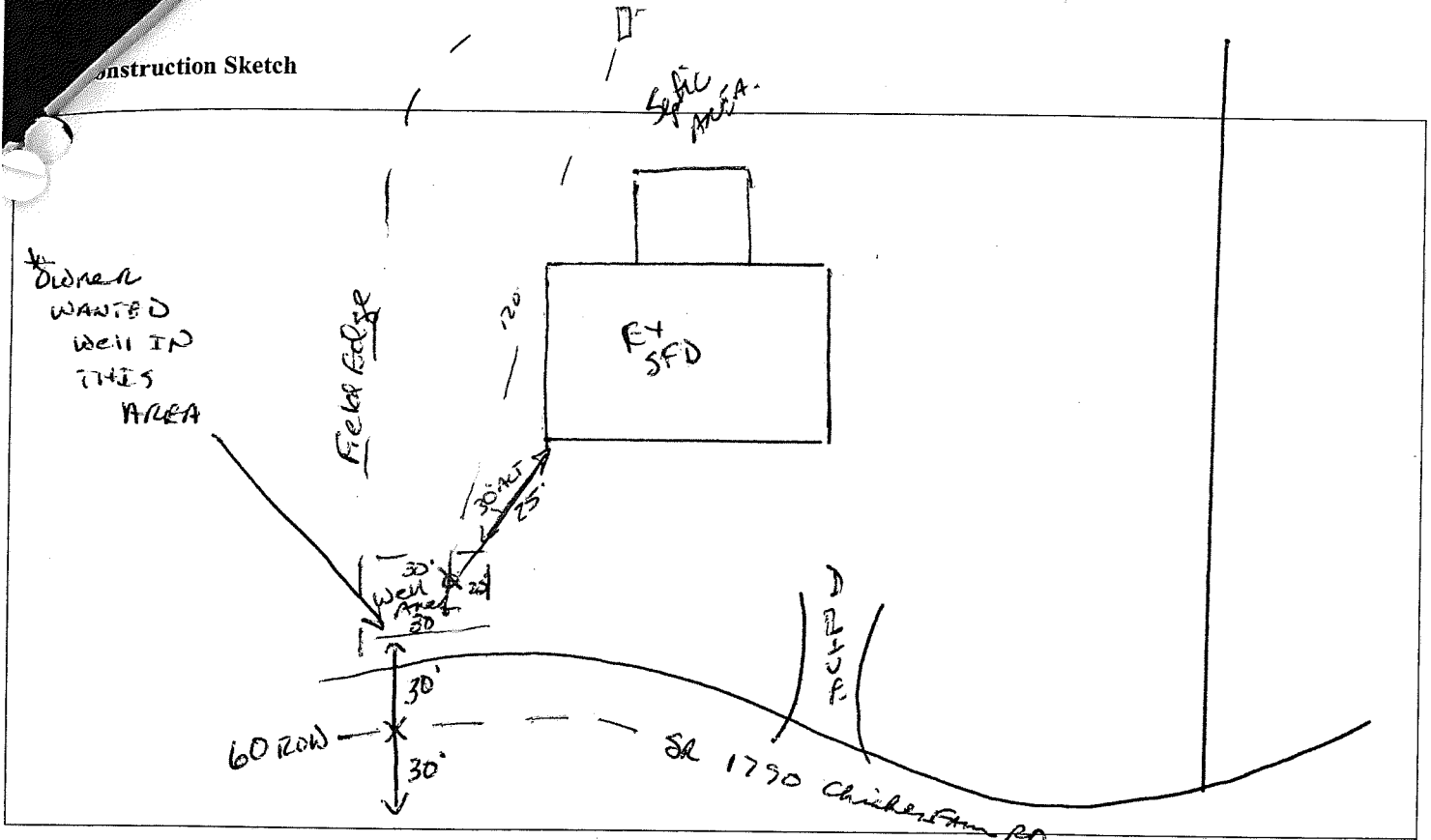
Casing Height: 12" (above finished grade) Access Port: / Vent Stack: /
 Well ID Tag: / Pump ID Tag: / Sampling Tap: / Backflow Preventer: /
 Sample Taken? Yes No Well Head properly sealed: /

Remarks: _____

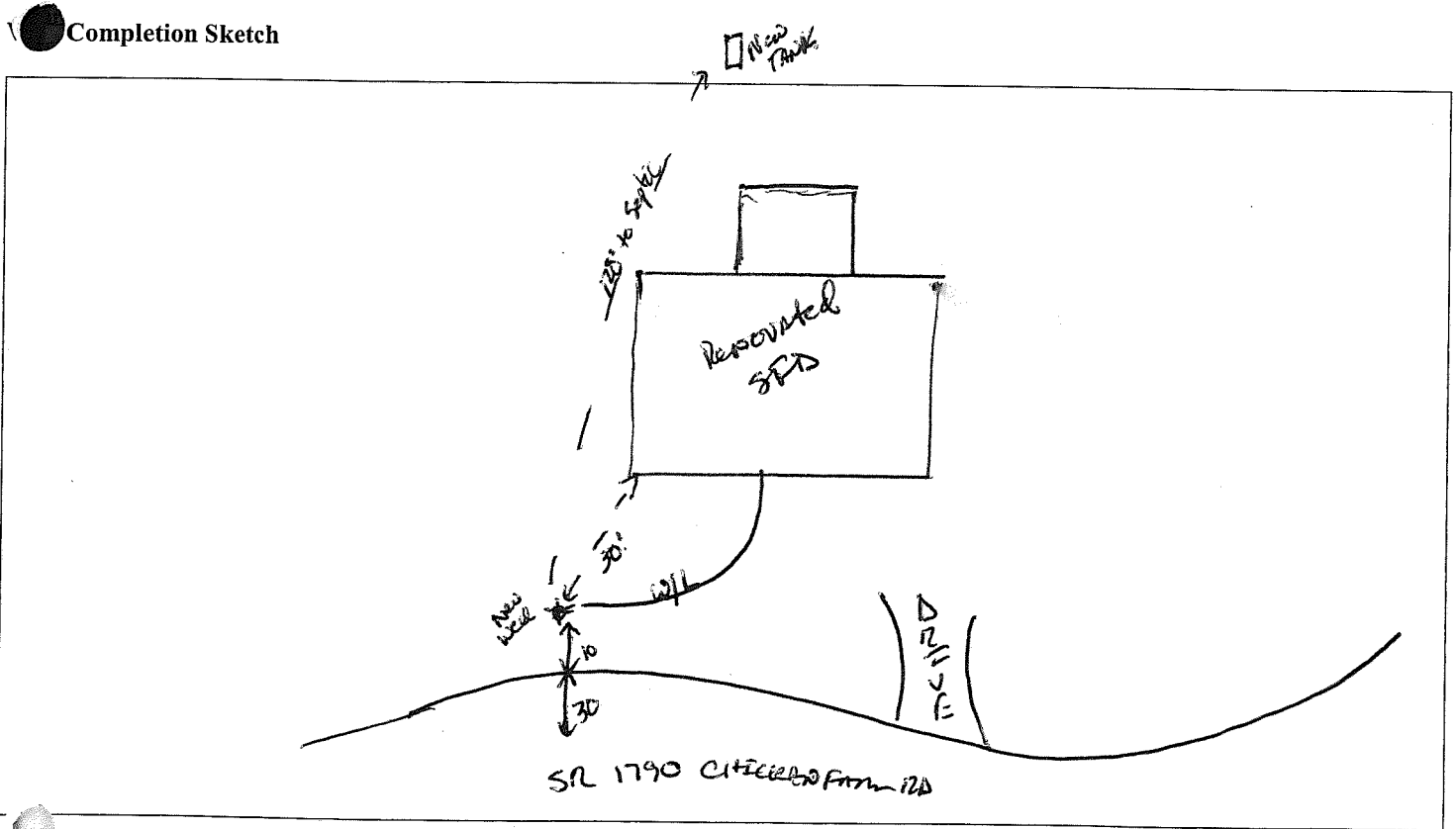
Authorized State Agent: James E. Manhart III RPHS Date 2-22-12

See Attachment for completion sketch

Construction Sketch



Completion Sketch



WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section
 WELL CONTRACTOR (INDIVIDUAL) NAME (print) Larry Williford CERTIFICATION # 2863
 WELL CONTRACTOR COMPANY NAME Larry Williford's Well Drilling PHONE # (910) 567-2579
 STATE WELL CONSTRUCTION PERMIT# _____ ASSOCIATED WQ PERMIT# _____
 (if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential Municipal/Public Industrial Agricultural
 Monitoring Recovery Heat Pump Water Injection Other If Other, List Use _____

2. WELL LOCATION:
 Nearest Town: Dunn County Harnett
1210 Chicken Farm Rd
 (Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting,
 Ridge Slope Valley Flat
 (check appropriate box)
 Latitude/longitude of well location _____

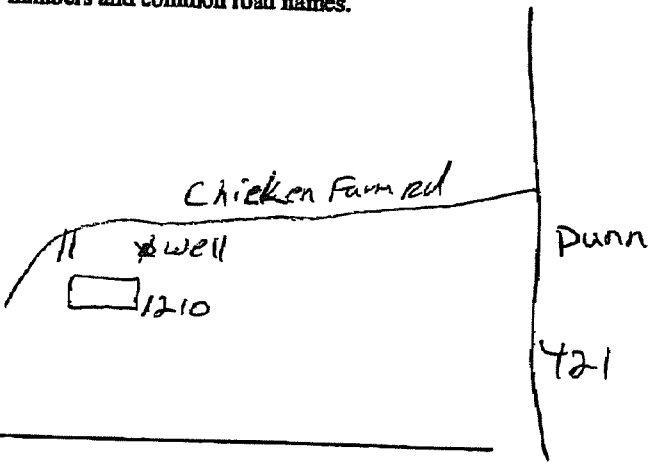
3. OWNER: Lee & Jeanett Herring
 Address 2501 Parliment Place
Dunn NC 28334
 (Street or Route No.)
 City or Town State Zip Code

(degrees/minutes/seconds)
 Latitude/longitude source: GPS Topographic map
 (check box)

DEPTH		DRILLING LOG
From	To	Formation Description
0	2	topsoil
2	7	reddish clay
7	18	orange-white clay
18	21	tan clay
21	35	course sand

Area code- Phone number _____
 4. DATE DRILLED 2-6-12
 5. TOTAL DEPTH: 35 FT
 6. DOES WELL REPLACE EXISTING WELL? YES NO
 7. STATIC WATER LEVEL Below Top of Casing: 16 FT.
 (Use "+" if Above Top of Casing)
 8. TOP OF CASING IS 1 FT. Above Land Surface*
 *Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C .0118.
 9. YIELD (gpm): 10 METHOD OF TEST pumping
 10. WATER ZONES (depth): 21-35

LOCATION SKETCH
 Show direction and distance in miles from at least two State Roads or County Roads. Include the road numbers and common road names.



11. DISINFECTION: Type HTH Amount 1/2 cup
 12. CASING:

From	To	Depth	Diameter	Wall Thickness	Material
-1	21	Ft.	4"	SC140	PVC

 13. GROUT:

From	To	Depth	Material	Method
0	8	Ft.	Cement	gravity
8	20	Ft.	Bentonite	gravity

 14. SCREEN:

From	To	Depth	Diameter	Slot Size	Material
21	35	Ft.	4 in.	10/16 in.	PVC

 15. SAND/GRAVEL PACK:

From	To	Depth	Size	Material
20	35	Ft.	#2	Sandpack

16. REMARKS: _____
 I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER
Larry Williford 2-6-12
 SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE