



# RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2122

### WELL CONTRACTOR:

James O. Bill  
Well Contractor (Individual) Name

Cape Fear Well + Pump Co.  
Well Contractor Company Name

2702 Thruway Rd.  
Street Address

Hope Mills NC 28348  
City or Town State Zip Code

(910) 323-3414  
Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# \_\_\_\_\_

OTHER ASSOCIATED PERMIT#(if applicable) \_\_\_\_\_

SITE WELL ID #(if applicable) \_\_\_\_\_

3. WELL USE (Check Applicable Box): Residential Water Supply

DATE DRILLED 3/16/10

TIME COMPLETED \_\_\_\_\_ AM  PM

### 4. WELL LOCATION:

CITY: Sanford COUNTY: Harnett

387 Roberts Rd.  
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING: (check appropriate box)

Slope  Valley  Flat  Ridge  Other \_\_\_\_\_

LATITUDE 36 ° ' " DMS OR 3x.XXXXXXXXXX DD

LONGITUDE 75 ° ' " DMS OR 7x.XXXXXXXXXX DD

Latitude/longitude source:  GPS  Topographic map  
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

### 5. WELL OWNER

Braddy Shetter  
Owner Name

387 Roberts Rd.  
Street Address

Sanford NC 27330  
City of Town State Zip Code

Area code Phone number \_\_\_\_\_

### 6. WELL DETAILS:

- a. TOTAL DEPTH: 95'
- b. DOES WELL REPLACE EXISTING WELL? YES  NO
- c. WATER LEVEL Below Top of Casing: 4' FT.  
(Use "+" if Above Top of Casing)
- d. TOP OF CASING IS 1' FT. Above Land Surface\*  
\*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
- YIELD (gpm): 20 METHOD OF TEST Pump
- t. DISINFECTION: Type HTH Amount 100 ppm

### 9. WATER ZONES (depth):

Top 53 Bottom 75 Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

7. CASING: Depth Diameter Thickness/Weight Material

Top 0 Bottom 55 Ft. 4" 40 PVC

Top 75 Bottom 94 Ft. 4" 40 PVC

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

8. GROUT: Depth Material Method

Top 0' Bottom 20' Ft. Cement Poured

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ \_\_\_\_\_

9. SCREEN: Depth Diameter Slot Size Material

Top 55' Bottom 75' Ft. 4" in. 18" in. PVC

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

10. SAND/GRAVEL PACK: Depth Size Material

Top 51' Bottom 94' Ft. 10mm Pea Gravel

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ \_\_\_\_\_

Top \_\_\_\_\_ Bottom \_\_\_\_\_ Ft. \_\_\_\_\_ \_\_\_\_\_

11. DRILLING LOG

Top	Bottom	Formation Description
<u>0'</u>	<u>3'</u>	<u>Yellow Sand</u>
<u>3'</u>	<u>23'</u>	<u>Gray + Orange Clay</u>
<u>23'</u>	<u>34'</u>	<u>Gray Sand + Clay</u>
<u>34'</u>	<u>41'</u>	<u>Gray Clay</u>
<u>41'</u>	<u>53'</u>	<u>Gray Sand + Clay</u>
<u>53'</u>	<u>75'</u>	<u>Gray Sand streaks of Clay</u>
<u>75'</u>	<u>95'</u>	<u>Dark Gray Sand + Clay</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

12. 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.

James O. Bill 3/16/10  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

James O. Bill  
PRINTED NAME OF PERSON CONSTRUCTING THE WELL