



# RESIDENTIAL WELL CONSTRUCTION RECORD

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

WELL CONTRACTOR CERTIFICATION # 2765-A

### 1. WELL CONTRACTOR:

FELTON JACOBS

Well Contractor (Individual) Name

GRADY POOLE WELL COMPANY

Well Contractor Company Name

5809 FARM-WELL ROAD

Street Address

RALEIGH NC 27610

City or Town State Zip Code

(919) 266-2185

Area code Phone number

### 2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT# 11-5-26954

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable)

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

DATE DRILLED 7-5-11

TIME COMPLETED 1:30 AM  PM

### 4. WELL LOCATION:

CITY: ANGIER COUNTY HARNETT

4340 OLD STATE ROAD N.

(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.XXXXXXXX DD

LONGITUDE 75 ° ' " DMS OR 7X.XXXXXXXX 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

JOHN AND KAREN MERTZ

Owner Name

4340 OLD STATE RD. N.

Street Address

ANGIER, NC 27501

City or Town State Zip Code

(919) 639-3844

Area code Phone number

### 6. WELL DETAILS:

a. TOTAL DEPTH: 200

b. DOES WELL REPLACE EXISTING WELL? YES  NO

c. WATER LEVEL Below Top of Casing: 20 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.

e. YIELD (gpm): 30 METHOD OF TEST BLOW

f. DISINFECTION: Type HTH Amount 1 LB.

### g. WATER ZONES (depth):

Top 120 Bottom \_\_\_\_\_ Top \_\_\_\_\_ Bottom 190

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

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

### 7. CASING: Depth 99 Diameter Thickness/Weight Material

Top 0 Bottom 99 Ft. 6" \_\_\_\_\_

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

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

### 8. GROUT: Depth Material Method

Top 0 Bottom 20 Ft. PORTLAND/SCREENINGS GRAVITY

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

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

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

### 9. SCREEN: Depth Diameter Slot Size Material

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

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

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

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

### 10. SAND/GRAVEL PACK: Depth Size Material

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

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

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

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

### 11. DRILLING LOG

Top Bottom Formation Description

0 3 Top soil

3 26 clay

20 80 sand

80 200 Slate Rock

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### 12. REMARKS:

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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.

F. Jacobs 07/5/2011  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

FELTON JACOBS

PRINTED NAME OF PERSON CONSTRUCTING THE WELL