



# RESIDENTIAL WELL CONSTRUCTION RECORD

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

341517

WELL CONTRACTOR CERTIFICATION # 2780

060688

### 1. WELL CONTRACTOR:

**KEITH PRESNELL**

Well Contractor (Individual Name)

**DEWEY WRIGHT WELL & PUMP CO., INC.**

Well Contractor Company Name

STREET ADDRESS **P. O. BOX 308**

**BOONE NC 28607**

City or Town State Zip Code

( **828** ) - **264-2651**

Area code - Phone number

### 2. WELL INFORMATION:

SITE WELL ID #(if applicable)

STATE WELL PERMIT #(if applicable)

DWQ or OTHER PERMIT #(if applicable)

WELL USE (Check Applicable Box): Residential Water Supply

DATE DRILLED **2/16/2007**

TIME COMPLETED **3:00** AM  PM

### 3. WELL LOCATION:

CITY: **BANNER ELK** COUNTY: **AVERY**

**MITCHELL HILL LANE OFF BUCKEYE RD. OFF 32**

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

### TOPOGRAPHIC / LAND SETTING:

Slope  Valley  Flat  Ridge  Other  
(check appropriate box)

LATITUDE 3

LONGITUDE

May be in degrees, minutes, seconds or in a decimal format

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 DETAILS:

a. TOTAL DEPTH: **645**

b. DOES WELL REPLACE EXISTING WELL? YES  NO

c. WATER LEVEL Below Top of Casing: **60** 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): **20** METHOD OF TEST **Air**

f. DISINFECTION: Type **HTH** Amount **118**

g. WATER ZONES (depth):

From **630** To **635** From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

### 6. CASING:

Thickness/  
Depth Diameter Weight Material  
From **0** To **65** Ft. **6 1/8** **.350** **PVC**

From **0** To **0** Ft. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

### 7. GROUT:

Depth Material Method  
From **0** To **20** Ft. **Cement** **Gravity Flow**

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

### 8. SCREEN:

Depth Diameter Slot Size Material

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_ in. \_\_\_\_\_ in. \_\_\_\_\_

### 9. SAND/GRAVEL PACK:

Depth Size Material

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

From \_\_\_\_\_ To \_\_\_\_\_ Ft. \_\_\_\_\_

### 10. DRILLING LOG

| From | To  | Formation Description |
|------|-----|-----------------------|
| 0    | 53  | DIRT                  |
| 53   | 85  | GRAY GRANITE          |
| 85   | 100 | GRAY GRANITE          |
| 100  | 200 | GRAY GRANITE          |
| 200  | 225 | GRAY GRANITE          |
| 225  | 230 | GRAY GRANITE          |
| 230  | 300 | GRAY PURPLE GRANI     |
| 300  | 400 | PURPLE GRANITE        |
| 400  | 425 | BLUE GRANITE          |
| 425  | 550 | LIGHT GRAY            |
| 550  | 635 | LIGHT GRAY GRANIT     |
| 635  | 645 | LIGHT GRAY GRANITE    |

### 11. REMARKS:

**20 GPM 630 - 635 0 GPM -**  
**0 GPM - 0 GPM -**  
**0 GPM - 0 GPM -**

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.

*Keith Presnell*  
SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE

**KEITH PRESNELL**

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center - Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1a Rev. 7/05