

217643

**WELL CONSTRUCTION RECORD**

WELL CONTRACTOR: Brewster Well Drilling  
 WELL CONTRACTOR CERTIFICATION #: 2669  
 STATE WELL CONSTRUCTION PERMIT#: \_\_\_\_\_

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

2. WELL LOCATION: (Show sketch of the location below)  
 Nearest Town: Newland County: Moore  
Brewer RD 3 miles on RT  
 (Road Name and Numbers, Community, or Subdivision and Lot No.)

| DRILLING LOG |     | DEPTH                       |
|--------------|-----|-----------------------------|
| From         | To  | Formation Description       |
| 0            | 60  | red clay mud gravel/boilers |
| 60           | 124 | brown shale, slate          |
| 124          | 137 | shale rock gravel/boilers   |
| 137          | 139 | shale rock (yellow water)   |
| 139          | 195 | granite                     |
| 195          | 196 | green's flint rock          |
| 196          | 210 | granite                     |
| 210          | 211 | flint white-quartz          |
| 211          | 220 | granite                     |

3. DATE DRILLED 8-15-2000  
 4. TOTAL DEPTH 260  
 5. CUTTINGS COLLECTED YES  NO   
 6. DOES WELL REPLACE EXISTING WELL? YES  NO   
 7. STATIC WATER LEVEL Below Top of Casing: 30 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): 4 METHOD OF TEST Air  
 10. WATER ZONES (depth): 138 Yellow water 1 gal  
195 2 gal 210 2 gal  
 11. CHLORINATION: Type H74 Amount 30Z  
 12. CASING:

If additional space is needed use back of form

| From  | Depth | To  | Diameter | Wall Thickness or Weight/Ft. | Material |
|-------|-------|-----|----------|------------------------------|----------|
| -1    | 137   | Ft. | 6 1/2    | 198                          | Galv     |
| _____ | _____ | Ft. | _____    | _____                        | _____    |
| _____ | _____ | Ft. | _____    | _____                        | _____    |

| From  | Depth | To  | Material | Method |
|-------|-------|-----|----------|--------|
| 0     | 20    | Ft. | Cement   | poured |
| _____ | _____ | Ft. | _____    | _____  |

| From  | Depth | To  | Diameter  | Slot Size | Material |
|-------|-------|-----|-----------|-----------|----------|
| _____ | _____ | Ft. | _____ in. | _____ in. | _____    |
| _____ | _____ | Ft. | _____ in. | _____ in. | _____    |
| _____ | _____ | Ft. | _____ in. | _____ in. | _____    |

| From  | Depth | To  | Size  | Material |
|-------|-------|-----|-------|----------|
| _____ | _____ | Ft. | _____ | _____    |
| _____ | _____ | Ft. | _____ | _____    |

17. REMARKS: Well may need heavier pipe to 140' IF Yellow water doesn't clean up

LOCATION SKETCH  
 (Show direction and distance from at least two State Roads, or other map reference points)



00 SEP 12 AM 8:28

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.

FOR OFFICE USE ONLY  
 Quad No: \_\_\_\_\_  
 Serial No: \_\_\_\_\_

SIGNATURE OF PERSON CONSTRUCTING THE WELL: Keith Jordan DATE: 8-15-2000  
 Submit original to Division of Water Quality, Groundwater Section within 30 days

SEP - 5 2000

Groundwater Section