WS

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North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section
1636 Mail Service Center - Raleigh, N.C. 27699-1636 - Phone (919) 733-3221

# WELL CONSTRUCTION RECORD

040521

**WELL CONTRACTOR:** Dewey Wright Well Pump Co., Inc.
**WELL CONTRACTOR CERTIFICATION #:** 2681
**STATE WELL CONSTRUCTION PERMIT#:** Steve Petty

1. **WELL USE (Check Applicable Box):** Residential [X] 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: BOONE County: WATAUGA
PRIVATE DR. OFF RAINBOW TRAIL OFF HWY 194 OFF
(Road Name and Numbers, Community, or Subdivision and Lot No.)

3.

| DRILLING LOG From | To | DEPTH Formation Description |
|---|---|---|
| EY 0 | 48 | DIRT |
| 48 | 93 | GRANITE |
| 93 | 94 | SHALE |
| 94 | 405 | GRANITE/QUARTZ |

If additional space is needed use back of form

4. DATE DRILLED 8/8/2005
5. TOTAL DEPTH 405
6. CUTTINGS COLLECTED YES [ ] NO [X]
7. DOES WELL REPLACE EXISTING WELL? YES [ ] NO [X]
8. STATIC WATER LEVEL Below Top of Casing: 40 FT.
(Use "+" if Above Top of Casing)
9. 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
10. YIELD (gpm): 0.5 METHOD OF TEST Air
11. WATER ZONES (depth): 0.50 gpm 93-94 0.00 gpm
0.00 gpm 0.00 gpm
12. CHLORINATION: Type HTH Amount 73

RECD BY CENTRAL FILES
AUG 22 2005

13. CASING:

| | Depth | | Diameter | Wall Thickness or Weight/Ft. | Material |
|---|---|---|---|---|---|
| From 0 | To 53 | Ft. | 6 1/8 | .350 | PVC |
| From | To | Ft. | | | |
| From | To | Ft. | | | |

14. GROUT:

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

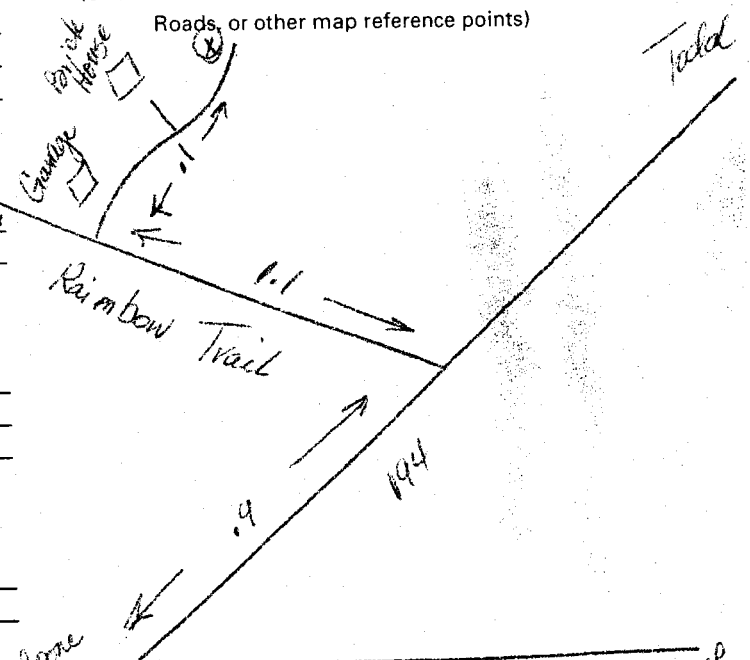
15. SCREEN:

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

16. SAND/GRAVEL PACK:

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

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




17. REMARKS: 42.1
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.

Steve Petty 8-10-05
SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE

Submit original to Division of Water Quality, Groundwater Section within 30 days

GW-1 REV. 12/99

**FOR OFFICE USE ONLY**
Quad No: