

169

**WELL CONSTRUCTION RECORD**

WELL CONTRACTOR: Dewey Wright Well Pump Co., Inc.  
 WELL CONTRACTOR CERTIFICATION #: 2797  
 STATE WELL CONSTRUCTION PERMIT#: Jerry Wilson

030190-4

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: BOONE County: WATAUGA

CAMP RAINBOW OFF HWY 105  
(Road Name and Numbers, Community, or Subdivision and Lot No.)

DRILLING LOG		DEPTH
From	To	Formation Description
0	52	DIRT SHALE
52	300	GRANITE
300	303	GRANITE
30	510	GRANITE
510	512	GRANITE
512	545	GRANITE QUARTZ

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): 100 METHOD OF TEST Air

11. WATER ZONES (depth): 50.00 gpm 300-303 50.00 gpm 510-512  
0.00 gpm 0.00 gpm

12. CHLORINATION: Type HTH Amount 100

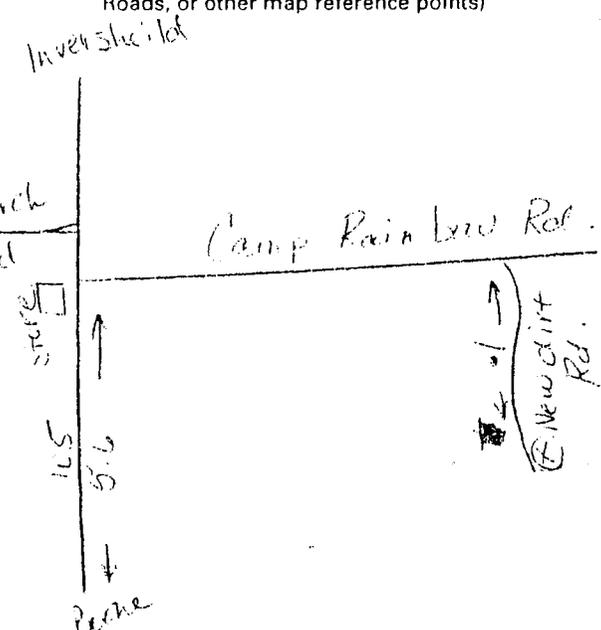
If additional space is needed use back of form

4. DATE DRILLED 2/19/2004  
 5. TOTAL DEPTH 545  
 6. CUTTINGS COLLECTED YES  NO   
 7. DOES WELL REPLACE EXISTING WELL? YES  NO   
 8. STATIC WATER LEVEL Below Top of Casing: 20 FT.  
(Use "+" if Above Top of Casing)

13. CASING:

Depth	Diameter	Wall Thickness or Weight/Ft.	Material
From <u>0</u> To <u>63</u> Ft.	<u>6 1/4</u>	<u>180</u>	<u>SAI V</u>
From _____ To _____ Ft.	_____	_____	_____
From _____ To _____ Ft.	_____	_____	_____

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



14. GROUT:

Depth	Material	Method
From <u>0</u> To <u>63</u> Ft.	<u>Cement</u>	<u>PUMPED</u>
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.	_____	_____

17. 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.

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

Marye Wilson 3-30-2004  
 SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE  
 Submit original to Division of Water Quality, Groundwater Section within 30 days  
 GW-1 REV. 12/99

*WATAUGA*  
*WELL # 4*

NG TEST  
 ORD  
 Conducted by: Dewey Wright Well & Pump Co. Inc. Well Construction Permit No.

WELL LOCATION: Nearest Town: BOONE County: WATAUGA  
CAMP RAINBOW RD. Quadrangel No. \_\_\_\_\_  
 (Road No., Community, or Subdivision and Lot No.)

OWNER: FOSCOE REALTY 151 MR. BISH BLVD. BOONE N C 28607

USE OF WELL: ( ) Domestic (X) Public ( ) Industrial ( ) Irrigation ( ) \_\_\_\_\_  
 Name Address Other

WELL DEPTH: 545 ft. Casing Diameter 6 1/4 in. Casing type: GALV.

DRILLING CONTRACTOR: DEWEY WRIGHT WELL & PUMP CO., INC. Was casing grouted? YES

STATIC WATER LEVEL: 20 ft. <sup>above</sup> / <sub>below</sub> top of casing. Casing is 1 ft. above land surface.

Date Measured: 4-28-04

WELL YIELD: 103 gpm. Specific Capacity: \_\_\_\_\_ gpm/ft.-dd.

PUMPING WATER LEVEL 504 ft. after 24 hours at 103 gpm.

CHLORINATION: Type HTH Amount 109

TIME AND DATE: PUMP STARTED: 10:25 A.M. 4-28-04 PUMP STOPPED: 10:25 A.M. 4-29-04

WATER LEVEL MEASURING DEVICE: LEVEL INDICATOR FLOW MEASURING DEVICE: WATER METER

TEST PUMP: Type 90L20 Make GOULDS Horse Power 2 HP

Capacity 90 gpm at 504 T D H. Intake Depth 504 ft.

Time	Water Level	Pumping Rate		Remarks
10:25 A.M.	101	135		
10:30	181	135		
10:35	248	135		
10:40	316	123		
10:45	371	120		
10:50	425	114		
10:55	504	103		
11:00	504	103		
12:00 P.M.	504	103		
1:00	504	103		
2:00	504	103		
3:00	504	103		

Pumping Test Record

Continued

Time	Water Level	Pumping Rate			Remarks
12:00 A.M.	504	103			
3:00	504	103			
6:00	504	103			
10:00	504	103			
10:25	504	103			
RECOVERY TIME					
10:25 A.M.	504				
10:30	426				
10:35	366				
10:40	326				
10:45	296				
10:50	275				
10:55	265				
11:00	256				
11:05	249				
11:10	245				
11:30	169				
12:00 P.M.	157				
12:30	149				
1:30	139				
2:30	131				
3:30	126				
4:30	119				
5:30	115				
6:30	109				
7:30	104				
7:48	101				

GW 40 Submit one copy to Environmental Management and one to owner.