

171

WELL CONSTRUCTION RECORD

WELL CONTRACTOR: Dewey Wright Well Pump Co., Inc.
 WELL CONTRACTOR CERTIFICATION #: 2087
 STATE WELL CONSTRUCTION PERMIT#: Steve Reece

030190-3

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

DRILLING LOG

DEPTH

From	To	Formation Description
0	40	DIRT
40	208	GRANITE
208	210	QUARTZ
210	580	GRANITE
580	584	QUARTZ
584	600	GRANITE

4. DATE DRILLED 7/11/2003
 5. TOTAL DEPTH 600
 6. CUTTINGS COLLECTED YES NO
 7. DOES WELL REPLACE EXISTING WELL? YES NO
 8. STATIC WATER LEVEL Below Top of Casing: ART 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): 45 METHOD OF TEST Air
 11. WATER ZONES (depth): 35 gpm 208-210 10 gpm 580-584
0 gpm 0 gpm

12. CHLORINATION: Type HTH Amount 150

If additional space is needed use back of form

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>188</u>	<u>GALV</u>
From _____ To _____ Ft.	_____	_____	_____
From _____ To _____ Ft.	_____	_____	_____

14. GROUT:

Depth	Material	Method
From <u>0</u> To <u>20</u> Ft.	<u>Cement</u>	<u>Gravity Flow</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.	_____

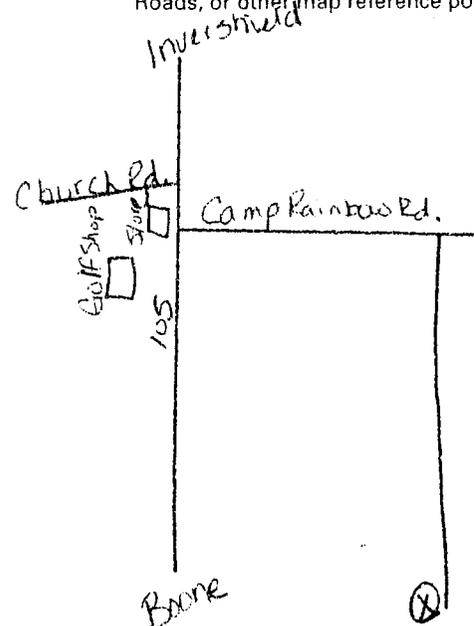
16. SAND/GRAVEL PACK:

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

17. REMARKS: _____

LOCATION SKETCH

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



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 Reece 8-15-03

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: _____

*ECHOA
WELL # 60*

PING TEST
RECORD

Conducted by: Dewey Wright Well & Pump Co. Inc. Well Construction Permit No. _____

WELL LOCATION: Nearest Town: BOONE County: WATAUGA

CAMP RAINBOW RD. Quadangel No. _____
(Road No., Community, or Subdivision and Lot No.)

OWNER: FOSCOE REALTY 151 MR. BISH BLVD. BOONE NC 28607

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

WELL DEPTH: 800 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: 0 ft. ^{above} ~~below~~ top of casing. Casing is 1 ft. above land surface.

Date Measured: 5-4-04

WELL YIELD: 561 gpm. Specific Capacity: _____ gpm/ft.-dd.

PUMPING WATER LEVEL 525 ft. after 17 hours at 56 gpm.

CHLORINATION: Type HTH Amount 150

TIME AND DATE: PUMP STARTED: 5-4-04 3:45 P.M. PUMP STOPPED: 5-5-04 3:45 P.M.

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

TEST PUMP: Type 90L15 Make GOULDS Horse Power 1

Capacity 90 gpm at 525 T D H. Intake Depth _____ ft.

Time	Water Level	Pumping Rate		Remarks
45 P.M.	0	125		
47	109	125		
51	196	107		
55	237	104		
00	283	98		
20	378	89		
30	449	80		
30	466	71		
30	468	71		
40	488	71		
45	500	69		
0	505	69		

Pumping Test Record

Continued

Time	Water Level	Pumping Rate			Remarks
8:35	511	69			
9:00	517	69			
9:30	522	69			
9:46	525	56			
10:00	525	56			
12:00 A.M.	525	56			
3:00	525	56			
6:00	525	56			
9:00	525	56			
12:00 P.M.	525	56			
3:00	525	56			
3:45	525	56			
RECOVERY TIME					
3:45	525				
3:48	462				
3:50	442				
3:55	390				
4:00	300				
4:08	200				
4:16	150				
4:38	100				
5:44	50				
7:00	0				