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

216593

WELL CONSTRUCTION RECORD

WELL CONTRACTOR: Brandell Well Drilling
WELL CONTRACTOR CERTIFICATION #: 2388
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: private

2. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Banner Elk County: AVERY
Rt. 1328
(Road Name and Numbers, Community, or Subdivision and Lot No.)

3.

DRILLING LOG From	To	DEPTH Formation Description
0	146	boilders, red clay, shelrock
146	189	shelrock
189	191	shelrock
191	360	granite

4. DATE DRILLED 7-25-00
5. TOTAL DEPTH 360
6. CUTTINGS COLLECTED YES [ ] NO [✓]
7. DOES WELL REPLACE EXISTING WELL? YES [ ] NO [✓]
8. STATIC WATER LEVEL Below Top of Casing: _____ 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): 20 METHOD OF TEST Air
11. WATER ZONES (depth): 189-191 20 gal
Dirty water settlement in water
12. CHLORINATION: Type HTH Amount 302
13. CASING: 147 FT

If additional space is needed use back of form

	Depth	Diameter	Wall Thickness or Weight/Ft.	Material
From -1	To 190 Ft.	6 5/8	187	Gal
From	To Ft.			
From	To Ft.			

14. GROUT:

	Depth	Material	Method
From 189	To 20 Ft.	pea gravel	poured
From 20	To 0 Ft.	cement	poured

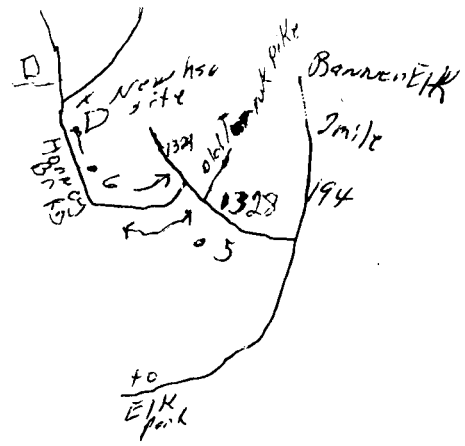
15. SCREEN:

	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: Do Not set pump over 180 ft deep

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.

Jack E Brandell 7-25-00
SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE

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

FOR OFFICE USE ONLY
Quad No:
Serial No.

GW-1 REV. 12/99

RECEIVED AUG 03 2000 DWQ GROUNDWATER SECTION