

BL-T-1-68

NORTH CAROLINA DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

OFFICE OF WATER AND AIR RESOURCES

GROUND WATER DIVISION

P. O. BOX 27687 - RALEIGH, N. C. 27611

EL=125'

WELL RECORD

DRILLING CONTRACTOR Layne Atlantic Company REG. NO. _____ WELL CONSTRUCTION PERMIT NO. 121

1. WELL LOCATION: (Show a sketch of the location on back of form)
Nearest Town: Fayetteville County: Cumberland

(Road, Community or Subdivision and Lot No.)
2. OWNER: E. I. DuPont & Company Quadrangle No. _____

3. ADDRESS: Fayetteville, North Carolina

4. TOPOGRAPHY: draw, valley, slope, hilltop, flat

5. USE OF WELL: Observation DATE: November 1968

6. DOES THIS WELL REPLACE AN EXISTING WELL? No

7. TOTAL DEPTH: 345' RIG TYPE OR METHOD: Rotary

8. FORMATION SAMPLES COLLECTED: YES No. of Bags _____

9. CASING: Inside Wall thick. or Diam. weight / ft. Type
From 0' to 340' ft. 4" Std. Steel

10. GROUT: Depth Material Method
From _____ to _____ ft. _____

11. SCREEN: Depth Diam. Type and Opening
From 340' to 345' ft. 4" Slot-pipe

12. GRAVEL: Depth Size Material
From 320' to 345' ft. 1/8x1/4" Silicon Gravel

13. WATER ZONES(depth): 320' to 345'

14. STATIC WATER LEVEL: Nd ft. above top of casing.
Casing is _____ ft. above land surface. below ELEV. _____
DATE MEASURED: _____

15. YIELD(gpm): _____ METHOD OF TESTING: _____

16. PUMPING WATER LEVEL: _____ ft. after _____ hours
at _____ gpm.

17. CHLORINATION: Type _____ Amount _____

18. WATER QUALITY: _____ TEMPERATURE(°F) _____

19. PERMANENT PUMP:(Show a sketch of well head on back of form)
Date installed None Type _____ Make _____
Capacity _____ (gpm) HP _____
Intake Depth _____ Airline Depth _____

20. HAVE YOU INFORMED THE WELL OWNER OF THE DEPARTMENTS REQUIREMENTS AND RECOMMENDATIONS? _____

21. REMARKS: Observation Well No. 3
Pumped by air, No GPM required

I do hereby certify that this well record is true and exact.

DRILLING LOG		
DEPTH		FORMATION DESCRIPTION
FROM	TO	
0'	20'	Red & yellow sand and clay
20'	40'	Med. to fine white & brown sand and quarts limestone
40'	60'	Fine to med. white & yellow sand w/stks. blue clay & gravel
60'	80'	Blue clay and yellow clay
80'	100'	Blue sand clay mixed with large gravel
100'	120'	Fine to med. sand, wood and clay
120'	130'	Blue sandy clay
130'	150'	Blue and gray clay
150'	160'	Gray sandy clay
160'	170'	Medium to fine white sand
170'	190'	Medium white brown sand
190'	240'	Coarse white brown sand
240'	270'	Fine to medium yellow sand
270'	290'	Red sand
290'	330'	Red sand, coarse gravel and clay
330'	340'	Yellow coarse sand
340'	353'	Yellow coarse sand, some gravel

PERMIT WELL

SIGNATURE OF CONTRACTOR OR AGENT DATE