

T-40 Q-1 from groundwater files  
went to 70 feet, so did not match  
in depth to samples taken from  
pigeon barn. T-40 Q-2  
matches samples, both to 297'.

T-3-68

(on GW Permit)  
Plotted according LAT. + LONG. and their map. Well  
must be located on a new road + subdivision

CUM-T-3-68

SR 1089

WELL RECORD

NORTH CAROLINA DEPARTMENT OF WATER AND AIR RESOURCES  
DIVISION OF GROUND WATER  
BOX 9392 - RALEIGH, N. C.

Test well  
T40, Q-2  
Well Permit No.

Drilling Contractor Charles Underwood Reg. No. \_\_\_\_\_

County Cumberland

1. Town Steadman

2. Location See Reverse side sketch

Quadrangle No. \_\_\_\_\_

Show a sketch of location on back of form

3. Owner Blawell Sub. Div.

Address Steadman, N.C.

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

5. Use of Well Test well Date Completed 12/20/68

6. Rig type or method Rotary Total Depth 297

7. Casing: Depth \_\_\_\_\_ Diam. \_\_\_\_\_ Type \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ ft. \_\_\_\_\_ in. \_\_\_\_\_

None

8. Grout: Depth \_\_\_\_\_ Material \_\_\_\_\_ Method \_\_\_\_\_

From None to None ft. \_\_\_\_\_

9. Screen: Depth \_\_\_\_\_ Diam. \_\_\_\_\_ Type and opening \_\_\_\_\_

From None to \_\_\_\_\_ ft. \_\_\_\_\_ in. \_\_\_\_\_

11. Water Zones (depth) \_\_\_\_\_

12. Static Water Level: 9 ft. above <sup>ground</sup> below top of casing  
which is \_\_\_\_\_ ft. above land surface.

Date 12/20/68

13. Yield (gpm) \_\_\_\_\_ Method of testing \_\_\_\_\_

14. Pumping Water Level: \_\_\_\_\_ ft. after \_\_\_\_\_ hrs.  
at \_\_\_\_\_ gpm.

15. Water Quality \_\_\_\_\_

16. Well sterilization method \_\_\_\_\_

17. Remarks: \_\_\_\_\_

See Reverse side

Test Hole is - abandoned

N				
35	01	30		
78	43	10		
elev = 128				
E				

(place this sheet over correct square on map, match corners and circle a dot at well location.)

10. Permanent Pump:

Installed- Date \_\_\_\_\_

By \_\_\_\_\_

Type \_\_\_\_\_ Make \_\_\_\_\_

Capacity \_\_\_\_\_ (gpm) Hp. \_\_\_\_\_

Intake depth \_\_\_\_\_

Airline depth \_\_\_\_\_

Temperature (°F) \_\_\_\_\_

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

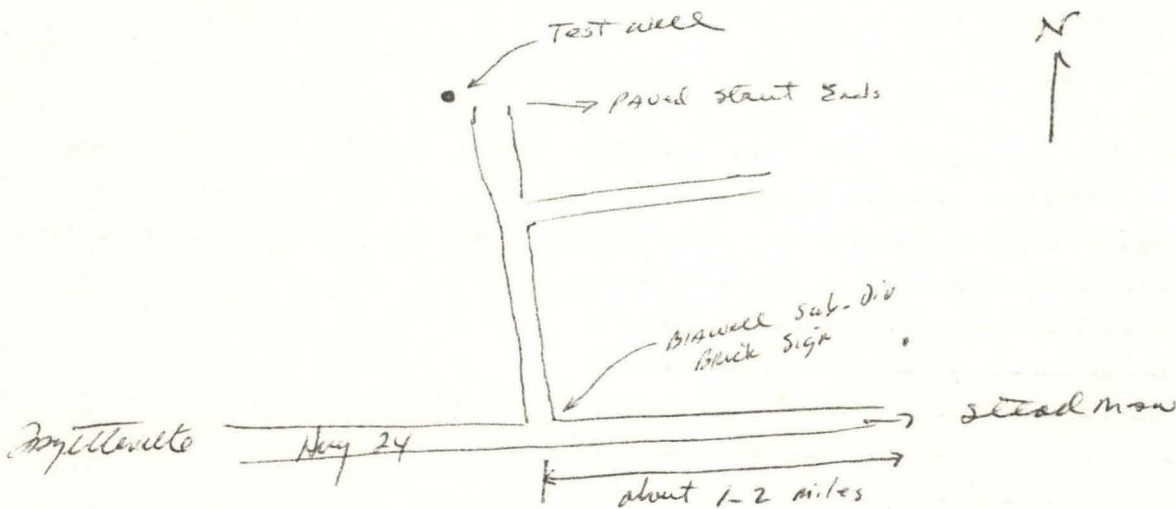
SIGNATURE OF CONTRACTOR OR AGENT

# CUM-T-3-68

## DRILLING LOG

Depth			Depth		
From	To	Formation	From	To	Formation
0	1	Top soil	182	185	Sand
1	11	white + red clay mottled	185	186	clay
11	24	SAND	186	187	SAND
24	25	CLAY	187	188	clay
25	48	<del>clay</del> SAND	188	190	SAND
48	49	CLAY	190	270	CLAY
49	54	SAND	270	297	Rock greenish (?)
54	70	CLAY			
70	76	soft sand + clay			
76	90	clay			
90	97	soft clay			
97	114	clay			
114	131	Red clay			
131	136	soft sandy clay			
136	150	clay			
150	158	clay with soft sandy streaks			
158	161	clay			
161	179	soft sand + clay			
179	182	clay			

LOCATION: Draw sketch below showing location of well in relation to nearby towns, roads, and streams with North in the direction of the arrow. Show distance from well to least two nearby reference points, such as road junctions, stream crossings or other land marks.





Preliminary Examination  
 no geophysical logs for this hole  
 float - no microfossils

SAMPLE DESCRIPTION

elev: 130'

Well # CUM-T-3-6B TD 297 Examined by: CRB Date 11/10/83

p. 1 of 2

Key: A - Abundant C - Common M - Minor T - Trace R - Rare X - Major Constituent

Interval	Rock Type	Color	Texture			Quartz	Feldspar	Glaucophane	Phosphates	Calcite	Shell Fragm	Mica	Pyrite	Lignite	Chalcedony	Amethyst	Rose Quartz	Tourmaline	Siderite	Limestone	Dolomite	M. Fossils	Re-Stain	Hematite & Limonite	Remarks
			Grain Size	Grain Shape	Sorting																				
0-10	chy fine sd	yellowish sand	f/m	SA/A																					some fine grained rock or med clay fragments grayish in color
10-20	loose sd	gray sand	crs	SA																					
20-30	loose sd	yellowish sand	crs	SA																					
32-40	loose sd	yellowish sand	Med/crs	SA																					
40-50	loose sd	yellowish sand	crs	SA/A																					
50-60	loose sd	yellowish sand	crs/fqvl	SA									T?												fragments of micaceous silty light gray clay - light clay in cracks in qtz grains
60-70	slightly chy sd	an	Med/crs	SA									T												light clay in cracks in qtz grains
70-80	loose sd		f/qvl	SA							R														
80-90	slightly chy sd		crs/fqvl	SA/SR																					aa to light and med, gray micaceous clay fragments
90-100	slightly chy sd		crs/fqvl	SA																					
100-110			crs/fqvl	SA						R	R														aa unusual white, bladed mineral - several fragments including one twin. this is gypsum white clay in cracks in grains
110-120			f	A																					
120-130			med/crs	A						M	M														white to pink-to gray micaceous clay fragments, some stained with hematite
130-140			med/crs	A/SA						T	T	R													aa
140-150			med/crs	A/SA						R	R	R													aa except less abundant
150-160			crs	A/SA																					
160-170			crs/fqvl	A/SA							R														
170-180			crs	A/SA							R														Rare micaceous iron stained clay frags.
180-190			crs	A/SA																					
190-200			crs	A/SA							R														
200-210			crs	A/SA							R	R	R												micaceous silty clay fragments
210-220			med/crs	A							R	R	R												
220-230			med/crs qvl	A							R														Hyrite & covered with mica (R) or phyllite BASEMENT

① manganese oxide?



