

RS

CN-T-1-71

35-22-29
77-08-03

#6

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

Cr-2019

RECORD

RS#2

Filling Contractor Dan Tilghman Reg. No. _____ Well Permit No. _____

1. Town Creeping Swamp County Craven 049
2. Location _____ Quadrangle No. P 21, n-1

Show a sketch of location on back of form

3. Owner D.G.W.

Address _____

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

5. Use of Well _____ Date Completed 6-17-71

6. Rig type or method mud rotary Total Depth 172'

7. Casing: Depth _____ Diam. _____ Type _____

From _____ to 52 ft. 4 in. Blk

8. Grout: Depth _____ Material _____ Method _____

From _____ to 52 ft. _____ pumped in hydrolic

9. Screen: Depth _____ Diam. _____ Type and opening _____

From 52 to 172 ft. _____ in. _____

11. Water Zones (depth) _____

12. Static Water Level: 14.77 ft. ^{above}/_{below} top of casing
which is 1 1/2 ft. above land surface.

Date 6-17-71 lev. 45.48

13. Yield (gpm) 200 Method of testing _____

14. Pumping Water Level: _____ ft. after _____ hrs.
at _____ gpm.

15. Water Quality _____

16. Well sterilization method _____

17. Remarks: lev. 45.48

(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) _____

LAT 35 22 29 LONG 77 08 03 PC 2

MINOR BASIN Neuse

BASIN CODES 030409

HEADER ENT. GW-1 ENT. 1/25/83

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

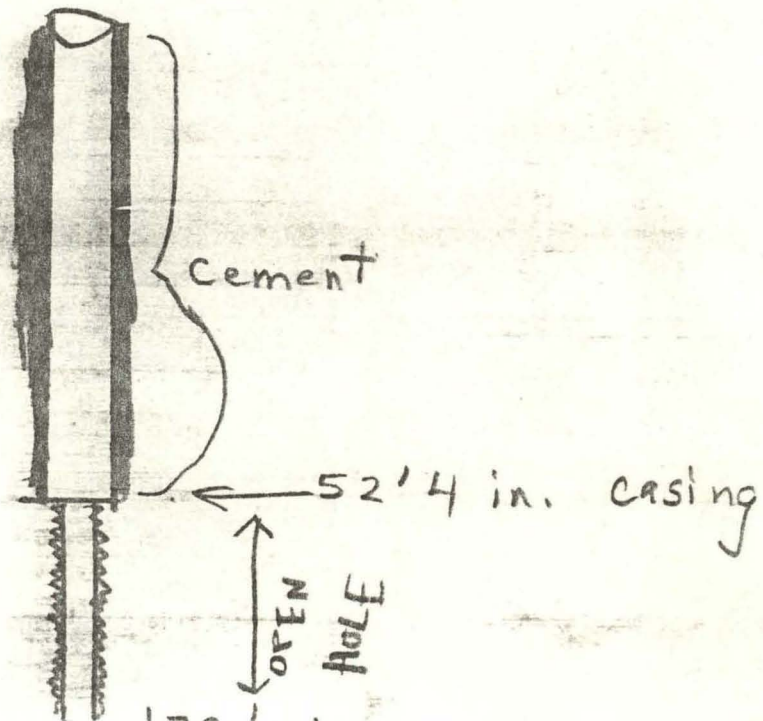
SIGNATURE OF CONTRACTOR OR AGENT

DRILLING LOG

Depth			Depth		
From	To	Formation	From	To	Formation
0	10	clay, various colors, w/last 2' very fine sand; no core	102	112	limestone, lite & colored w/hard streaks 50% core
10	22	lite gray fine sand w/clay no core	112	122	limestone, lite colored w/hard streaks 75% core
22	32	dark clay w/40% fine sand; no core,	122	132	limestone, lite colored w/med. hard streaks 20% core
32	42	clay to 34' white med. fine to coarse sand to 42'; woods at 32'	132	142	limestone, little darker in color w/hard streaks 30% core
42	52	lite greenish sand w/greenish clay, w/white limestone fragments; 1% core sample	142	152	limestone lite colored, very soft 5% core
52	62	ECH limestone, very soft, drilled like sand, 10% core recovery	152	162	limestone, lite colored w/med. soft glauc. 50% core
62	72	70% core recovery	162	172	limestone, lite colored, soft w/glauc. 20% core
72	82	limestone, w/med hard streaks also about 50% glauc. sand			
82	92	limestone very soft w/about 40% glauc. slightly amounted 60% core recovery			
92	102	limestone very soft w/40% glauc. slightly cemented 70%			

Core recovery

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.



CN-T-1-71

WELL RECORD

DRILLER: Don Tilghman

REG. NO.

LIC. NO.

LOCATION: TOWN _____

COUNTY Craven

MAP: _____

QUADRANGLE NO. PA-1-N1

1. OWNER: D. G. ZI

ADDRESS: _____

3. TOPOGRAPHY: draw, slope, hill, valley, flat ridge

4. RIG TYPE OR METHOD: Mud Rotary

5. TOTAL DEPTH: 172 ft. Date: 6-17-71

6. CASING: Depth 52 ft.; Diam. 4 in.; Type B 1 1/2

Grout: Depth 52; Method Pumped in Hydraulic

7. SCREEN: from (ft.) to (ft.) _____ slot size _____ type _____

8. WATER ZONES (depth): _____

9. QUALITY: _____ TEMP: _____

10. STATIC WATER LEVEL: 14.77 ft. below top of casing which is 1 1/2 ft. (above, ~~below~~) land surface. Date 6-17-71

11. YIELD: (gpm) 2.00 Flow, Pump, Bail, Est.

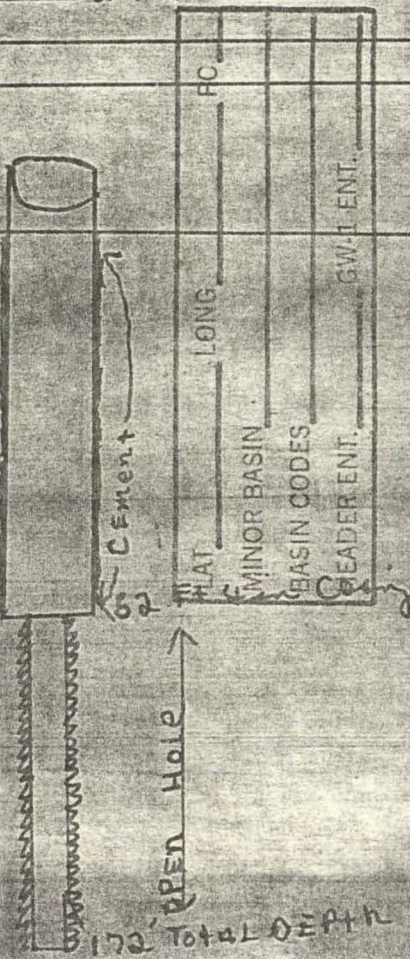
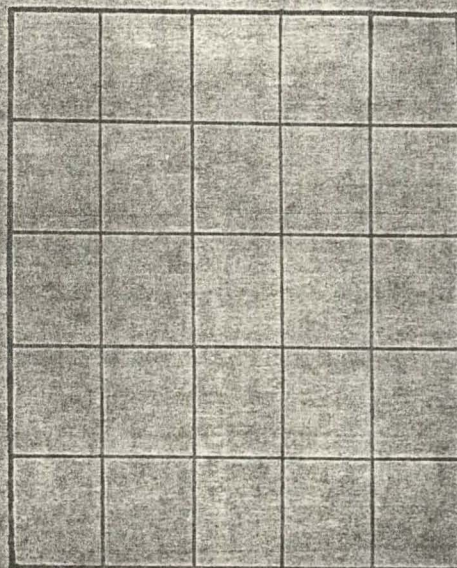
12. PUMPING WATER LEVEL: _____ ft. after _____ hrs. pumping at _____ gpm. Spec. cap. _____ gpm/ft. of dd

13. PUMP: type _____, Intake depth _____, Cap. _____ gpm, Hp. _____

14. REMARKS: _____

15. DRILL LOG:

Soil and Rock Formation	Depth	
	From	To
Clay, various colors, 2/1 last 2'	0	10
Very fine sand, no core		
lite gray fine sand 2/1 clay, no core	10	22
Dark clay 2/1 40% fine sand, no core	22	32
Clay to 34' white med fine to coarse sand to 42' 2' loose at 32'	32	42
lite greenish sand 2/1 greenish clay, 2/1 white limestone fragments		
1/2 core sample	42	52
Fch limestone, very soft, drilled		
like sand 10% core recovery	52	62
Fch limestone 2/1 glau sand		
70% core recovery	62	72
limestone, 2/1 med hard streaks		
also about 50% glau sand	72	82
limestone very soft 2/1 about 40% glau slightly oriented		
60% core recovery	82	92



15. DRILL LOG:

P21-N1

Depth

Soil and Rock Formation

From To

Limestone, very soft 2 1/4	40%		
glau, slightly cemented	70%		
Cave recovery		92	102
Limestone, lite colored 2 1/4	hard		
strake 50% core		102	112
Limestone, lite colored 2 1/4	hard		
strake 75% core		112	122
Limestone, lite colored 2 1/4	med-hard		
strake 20% core		122	132
Limestone, lite colored, very soft			
5% core		142	152
Limestone, little darker in color			
2 1/4 hard strake 30% core		132	142
Limestone, lite colored 2 1/4	med soft		
glau 50% core		152	162
Limestone, lite colored soft 2 1/4			
glau 20% core		162	172

- 171 - T.D.

0.17

0'

20'

40'

60'

80'

100'

120'

140'

160'

- 171 - T.D.

1.1 N

Me/
Hr = .005
16'/min.

