

Log of Formation for

Omaha, Georgia

Job No. 12039

Test Hole

Address

Town of Omaha, Georgia

No. /

Location of Well or Test

Town Well at Savannah Street & 2nd Avenue

FORMATION AND TEST HOLE INFORMATION

Total Depth	Thickness Each Stratum	Formation	Notes and Explanation
5	5	Sand	
10	5	Sandy Clay	
30	20	Sand & Gravel	
66	36	Blue Marl	
95	29	Blue Marl	
119	24	Blue Marl	
135	16	Sandy Blue Marl	
160	25	Fine Sand and Blue Marl	
175	15	Fine Sand and Blue Marl	
189	14	Sandy Blue Marl	
219	30	Blue Marl	
250	31	Blue Marl	
281	31	Blue Marl	
311	30	Blue Marl	
342	31	Blue Marl	
373	31	Blue Marl	
404	31	Blue Marl, Small Stks. of Rock	
434	30	Blue Marl	
465	31	Blue Marl	
495	30	Blue Marl	
510	15	Fine Sand & Shell	continued

Date Started

19

Date Finished

19

Fully explain and describe all operations (Signed) making notations necessary to the successful installation of a good well.

(Signed)

Field Supt.

Driller

Log of Formation for

Omaha, Georgia

Test Hole

Address

No. 1

Location of Well or Test

FORMATION AND TEST HOLE INFORMATION

Total Depth	Thickness Each Stratum	Formation	Notes and Explanation
526	16	Fine Sand & Shell	
541	15	Sandy Marl	
557	16	Sand and Shell	
569	12	Sand & Shell. Streak of Hard Rock.	
588	19	Sandy Marl. Streak of Hard Rock	
619	31	Hard Blue Marl	
635	16	Hard Blue Marl and Shell	
649	14	Blue Marl	
741	92	Hard Blue Marl.	
755	14	Blue Marl w/Hard Stks. of Rock.	
770	15	Hard Blue Marl.	
803	33	Blue Marl	
832	29	Med. Coarse Sand.	
864	32	Sand & Clay	
894	30	Sand & Clay	
904	10	Red & Blue Clay	
914	10	Medium Coarse Sand	
925	11	Red Clay	
936	11	Sand w/Lots of Red Clay.	
955	19	Medium Coarse Sand	

Date Started

19

Date Finished

19

Fully explain and describe all operations (Signed) making notations necessary to the successful installation of a good well.

(Signed)

Field Supt.

Driller

Limestone, calc siltstone, shell frags	16	526
siltstone, dep pyrite ostracode	15	541
Limestone Bryozoa	16	557
Limestone, shell frags pyrite	12	569

Silly mudstone	19	588
do	31	619
do marginulina austinana	16	635
mudstone or clayey shale	14	649
do	6	655
do keeled Lenticulina	15	670

use for ~~sample gap~~ ~~return samples~~ ~~Back when~~ 133 803

Qty sd, med. coarse, clean, angular, unfrosted shell hash and shell frags in silt matrix, ^{feldspar} ^{reddish & yellow} ^{qtz? grains,} ^{ls grains}	15	818
carbonized wood, a few shell frags	14	832
arkosic qtz sd, med, clean, ^{coated w/ clay} a few shell frags	15	847
arkosic qtz sd, med, w/ gray claystone,	17	864
do coated w/ clay pinkish grains,		
do coated w/ clay reddish		

City of Omaha
Levyne-Atlantic

Stewart County
GG5 1064
Elev. 305

sd, gts, ^{fine to} coarse, gray	5	5
sd, gts, clay-coated, brown	5	10
sh sd, well sorted	20	30
<hr/>		
mudstone, gray	15	45
do (Lenticulina, ostracodes)	21	66
do	29	95
do	24	119
do (+ shell frags, Lenticulina)	16	135
do (more fine sd, Lenticulina, ostracodes)	25	160
mudstone (Lenticulina, ostracode)	15	175
" do do	14	189
" do coral??	30	219
" Citharina, Lenticulina, ostracode	31	250
" do do do	31	281
" Rhyphogysce) " "	30	311
" " " "	31	342
" do do marginulina	31	373
" Planulina?	31	404
" Cerulinoides concava, Planulina Taylorensis	30	434
" "	31	465
" "	30	495
<hr/>		
Limestone and siltstone w/ calc cement phosphate, pyrite, shell frags echinoid plate	15	510

weathered zone @ top of Tuscaloosa??

arkosic qtz sd coated w/ reddish clay a weathered zone? do	30	894
arkosic qtz sd, slightly coated (= phosphate) a few shell frags (conch)	10	904
Siltstone with coated sd arkosic qtz sd, coated frag of crab? claw	11	914
	11	925
v clean arkosic qtz sd, coarse, a few shell frags	11	936
arkosic qtz sd, v. coarse, gray	19	955
arkosic qtz sd, coarse, clean, gray a fossil crab? claw filled w/ pyrite	14	969
<u>Top of Tuscaloosa?</u> arkosic qtz sd, coarse, clean, gray pyrite	17	986
arkosic qtz sd, coarse, clean, gray some yellow = pink grains large shiny black grain not phosphate, no CaCO ₃	31	1017
arkosic qtz sd, coarse, coated gray fissile shale	25	1042
In context: sd on surficial sand Blufftown Fm	35	1077 (TD)
(Is from 500-570 sample #2 box)		
Eutaw Fm	30	30
Tuscaloosa Fm	773	803
	197	1000
	77	1077

Geologic Summary