

Thomas Produce #1 Lithologic Descriptions

<u>Depth (Feet)</u>	<u>Description</u>
0-5	Sandy soil, white qtz. tan and brown, organic
5-6	Sand, small qtz hard, layers with well cemented ls.
6-12	Sand, brown clayey low to mod. permeability
13	limestone, light to cream, shell fragments and brown clayey sand.
14-17	limestone, white to cream with shell fragments, well cemented, good permeability
17-20	limestone, white to cream with shell fragments, well cemented, good permeability, large mollusks, bivalves and common shells
20-23	same as above
23-25	limestone, white to cream with shell fragments, well cemented
25-28	Organic layer, v.dark, sand, shell fragments and wood fiber.
28-30	Organic layer, v.dark, sand
31-32	limestone, cream to white with bioturbation and v. large mollusks shells and worm casings, good porosity
32-40	limestone, sandy, cream and white with bioturbation and v. large mollusks shells and worm casings, good porosity
40-41	limestone light gray to white fine crystalline, shell-gastropods and bivalves v. fine qtz. sand with some organic
41-45	limestone v. fine, cream to white medium to hard large echinoid and bivalve molds, moldic, vuggy.
45-53	limestone, alternating cream white to yellow coral present, clean water
53-58	limestone, light blue to gray with bivalves molds and sandy, vuggy

58-65 limestone, lt cream to white with mollusks and large qtz. sand size crystals

65-70 limestone, light gray sandy with large mollusk shells and molds, vuggy and moldic

70-73 limestone, cream to white sandy, very friable

73-80 same as above

80-85 limestone, light blue micro crystalline with small fragments of mollusks and very friable

85-88 same as above with 40% sand

88-95 limestone light gray medium hard, sandy limestone with some phosphatic sand sized grains casts and molds, common shells

95-100 limestone, sandy soft to medium, gray and small phosphate present

100-105 limestone gray with large mollusks shells molds and well cemented

105-107 limestone gray with large mollusks shells molds and less cemented

107-115 sandy limestone (65%) very small size fragments slight yellow hue, clam molds

155-117 limestone, sandy, slightly green gray, large moldic porosity and small grain size

117-120 same as above

120-128 limestone, light gray cream sand stone and some fragments of shell and clam molds light brown color

128-133 limestone sandy cementing shell fragments and oyster shell molds hash fragments.

133-136 limestone sandy well cement mollusk large pebble size phosphate (?)

136-137 limestone, dark gray and mollusks well cemented

137-139 Limestone, light tan sandy, small porosity with turrellous sp?(spirals) and finely phosphatic

139-140 limestone, sandy light gray with shell

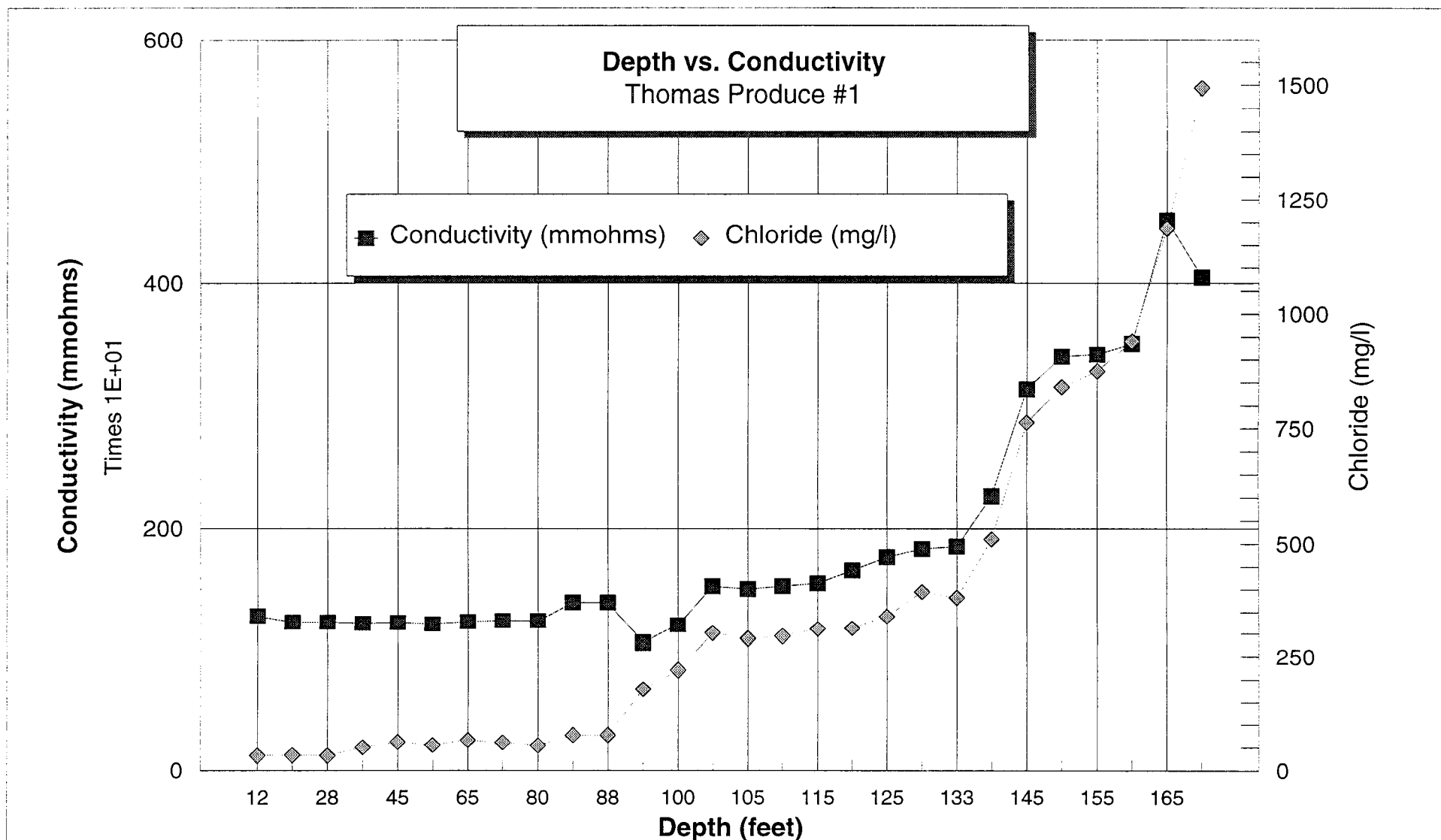
fragments good core sample

- 140-140.5 limestone with sand and shell light tan to brown gray curly molds, good porosity and shell fragments
- 140.5-144 Limestone, lightly gray to light brown with gray white/cream clayey, shell fragments and large echinoid
- 144-148 Limestone, light brown to light gray well cemented, bivalves molds very hard micro crystalline
- 148-154 limestone, sandy sight gray micro crystalline large pebble size quartz sand grains and well cemented
- 154-158 Sand (65%) limestone sandy clay v. friable, some shell fragments clay alternates between limestone
- 158-163 limestone sandy with small phosphate salt&pepper
- 163-165 Sand pebble size quartz sand with fragments of bivalves
- 165-171 Sand large pebble size quartz

Set casing at 100 ft with 5 ft of screen

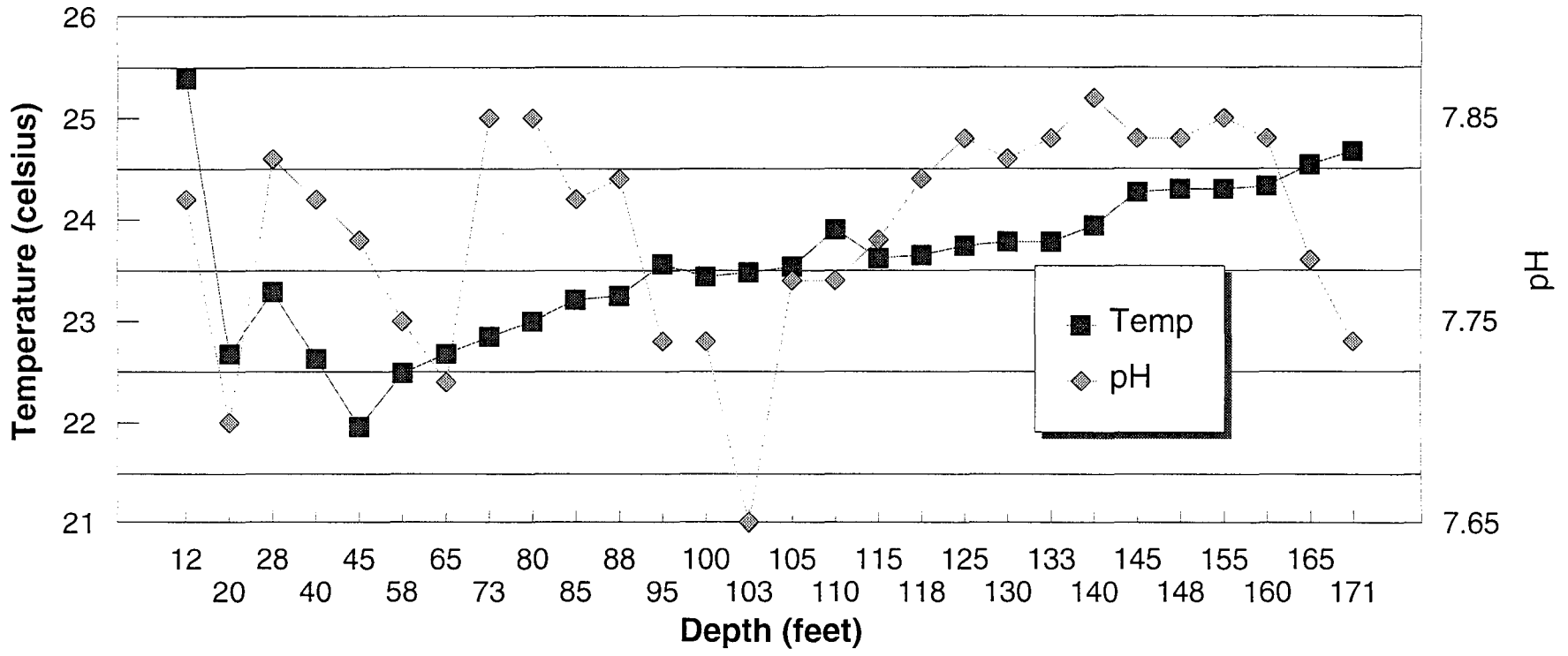
Date: 01-08-97				Sampler: K. Rohrer	
Time: 2:30 pm					
Well Name: Thomas Produce #1					
Depth	Temp	pH	conductivity (mmhos)	Chloride (ppm)	
12	25.39	7.81	1272	32	
20	22.68	7.7	1219	33	
28	23.29	7.83	1219	32	
40	22.63	7.81	1210	50	
45	21.96	7.79	1218	62	
58	22.49	7.75	1205	55	
65	22.68	7.72	1226	66	
73	22.85	7.85	1235	61	
80	23.00	7.85	1233	54	
85	23.21	7.81	1388	77	
88	23.25	7.82	1388	77	
95	23.56	7.74	1048	178	
100	23.44	7.74	1197	220	
103	23.48	7.65	1524	301	
105	23.54	7.77	1500	289	
110	23.9	7.77	1526	294	
115	23.62	7.79	1549	310	
118	23.65	7.82	1657	312	
125	23.74	7.84	1766	340	
130	23.78	7.83	1835	395	
133	23.78	7.84	1853	382	
140	23.94	7.86	2264	510	
145	24.27	7.84	3134	763	
148	24.3	7.84	3402	840	
155	24.3	7.85	3418	875	
160	24.33	7.84	3505	940	
165	24.54	7.78	4518	1186	
171	24.67	7.74	4047	1493	

04/15/97THOMAS#1.WK4



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Depth vs. Temp and pH
 Thomas Produce #1



TD=104
CD=41
Dist. #311-1

260349.8
813717

C2010

gate
1.000
C-2010
1802

WEST FL
AGRO

#1
#2
THOMAS BROTHERS FARMS
THOMAS PRODUCE
11-00207-W
(11-00075-W)
was

1
CL=63 - 2/96
102 = 11/92

prod well
C2035
2

1002
NAPLES DOLLS INC. Wellfield
(water from well)

NORTHUP
KING
CO

MTD
FISH
FARM

WEST FL
AGRO
11-00198-W
4

C2014D
prod well
use for flood. irr.
L. Tamm

74mgd
DUDE
PIT

MW#3
CD=63
CD=28
TD=68
CD=22
#2

11/92
L-145
W#1
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W#97
W#98
W#99
W#100

1

THOMAS
PRODUCE
11-00207-W

Trailer
Park
11-00198

11-00972W

OUT PARCEL

60-15 rd