

Thomas Produce#2 Lithologic Descriptions

<u>Depth (Feet)</u>	<u>Description</u>
0-15	Sandy soil, light brown to tan, organic, 60% clay
15-30	Clayey sand, light gray, small to fine grains.
30-35	limestone, light gray, mollusk shell, medium to hard , with sand in filling
35	limestone, light gray, shell fragments shell molds, calcite crystals, medium to hard, well cemented
35-37	same as above, with light brown to yellow water discharge due to sand.
38	limestone, brown to yellow and changed to white yellow sand is still present.
38-40	limestone, light gray to white, poorly indurated, medium to hard shell molds, shell fragments are present.
40-43	same as above
43-47	limestone white to cream, spiral shell molds, medium to hard.
47-50	limestone light tan to cream, oyster shell hash, sand layer at bottom of the 50 ft. fine quartz sand interbedded.
50-53	Shell, large oyster, and fine sand with gray clayey sand.
53-56	limestone light gray to brown. water turned gray, clayey
56-58	Limestone, light to cream, shell molds, v. fine sand interbedded.
58-61	shell fragments light gray bivalves clams oyster shell well weathered and good porosity.
61-65	limestone, with sand interbedded very fragmented , white to cream color.

9

Micrite

shell

Sandy
Limestone

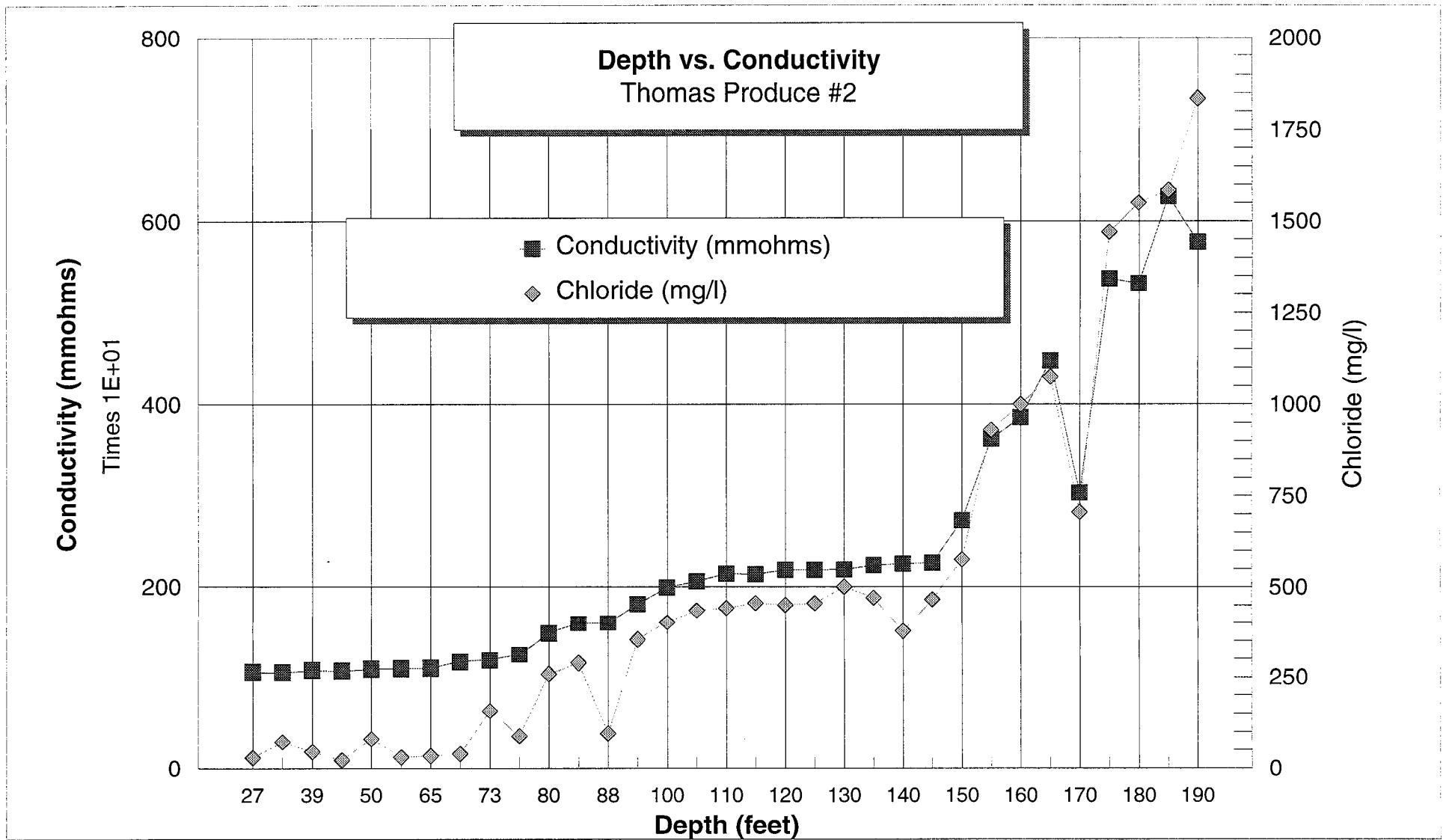
65-68		limestone with larger shell fragments, voids contain fine crystals
68-71		limestone , gray to white with sand intra-bedded shell molds, moderate to hard
71-75		limestone , sandy cream to light brown shell molds (small)
75-81	<i>Consolidated Rusty Sand</i>	^{ss} limestone sandy, cream micro crystalline phosphate present? shell molds
81-88		limestone sandy light gray to cream shell fragments phosphate present
88-91		limestone , sand, gray to light brown, micro phosphate fine sand sized
91-95		same as above
95-100		limestone sandy light cream, friable soft to medium with some shell fragmented.
100-110		limestone sandy light brown-gray to cream soft to medium with some shell fragments
110-115		same as above with more shell fragments
115-120	<i>shell</i>	Shell (80%) limestone with shell, cream color
120-125		limestone sandy light brown, shell (50%)
125-135		limestone , sandy, light brown, whole shallops shells with shell fragments
135-140		^{50% ss} limestone , sandy with shell fragment very friable, light brown to tan
140-145	<i>Sand stone</i>	same as above
145-147		limestone , sandy, slightly green, with clay and calcite crystals dark green to black alternation bands, very hard crystal microcoquina shell molds
147-148		limestone , sandy, shelly, cream to tan some silts
148-150		limestone , sandy mollusks shells light orange to black. indurated to friable shell molds

150-151		limestone, light brown to tan calcite crystals good core
151-158	SS	limestone, brown, small fragments gastropod molds medium to hard
158-160		same as above
160-163		limestone, gray, hard to very hard, moderate porosity, quartz sand small to pebble size.
164-165		Quartz Sand, sand sized to pebble with larger frosted flat and subrounded
165-170		same as above
170-173		shell, quartz sand, small to large, micrite is mixed throughout sample of tan colored limestone
173-175		Quartz sand (70%) fine to small shell fragments
175-180		Quartz sand (80%) fine to small shell (20%) micrite
180-184		Quartz sand (60%) small to medium shell (40%)
184-186		Quartz sand (50%) small to medium shell fragments (50%) some cemented sand is also present
186-190		Quartz sand (60%) shell (40%) green clay is also present, micrite tan to cream
190		lost circulation

Set casing at 82-87 with 5 ft of screen

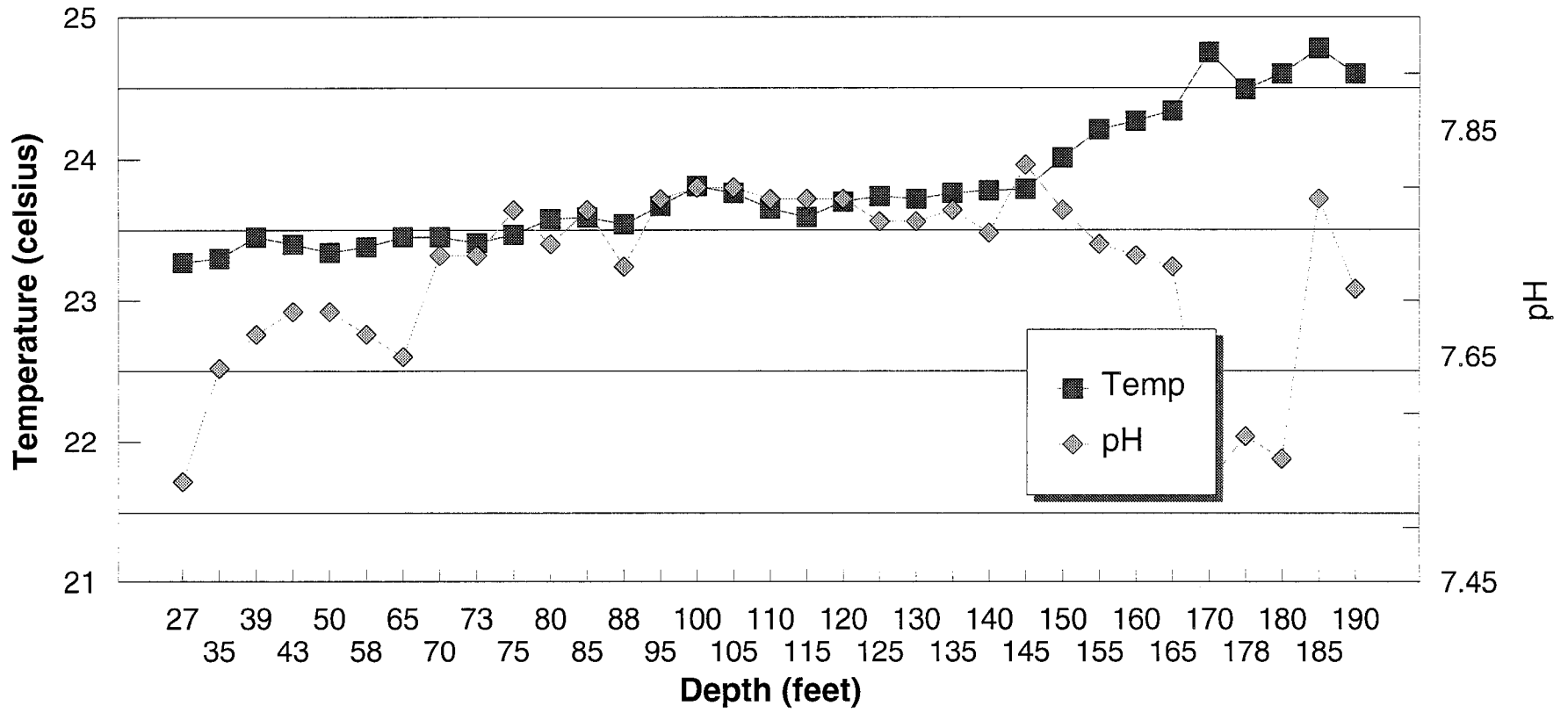
Date: 04-01-97				Sampler: K. Rohrer
Time: 2:30 pm				
Well Name: Thomas Produce #2				
Depth	Temp	pH	conductivity (mmhos)	Chloride (ppm)
27	23.27	7.54	1054	29
35	23.3	7.64	1050	72
39	23.45	7.67	1075	45
43	23.4	7.69	1067	22
50	23.34	7.69	1089	80
58	23.38	7.67	1092	30
65	23.45	7.65	1096	34
70	23.45	7.74	1165	39
73	23.41	7.74	1183	157
75	23.47	7.78	1246	88
80	23.58	7.75	1480	259
85	23.59	7.78	1585	288
88	23.54	7.73	1595	95
95	23.67	7.79	1810	353
100	23.81	7.8	1995	400
105	23.76	7.8	2060	435
110	23.65	7.79	2145	441
115	23.59	7.79	2140	455
120	23.7	7.79	2185	450
125	23.74	7.77	2185	455
130	23.72	7.77	2190	500
135	23.76	7.78	2240	470
140	23.78	7.76	2255	375
145	23.79	7.82	2265	465
150	24.01	7.78	2730	575
155	24.21	7.75	3620	930
160	24.27	7.74	3855	1000
165	24.34	7.73	4475	1075
170	24.75	7.54	3035	705
178	24.49	7.58	5370	1470
180	24.6	7.56	5320	1550
185	24.78	7.79	6270	1585
190	24.6	7.71	5770	1835

04/15/97THOMAS#2.WK4



04/15/97THOMAS#2.WK4

Depth vs. Temp and pH
Thomas Produce #2



TD=104
CD=114
Well #311-1
Dis.

260349.8
813717

C2010

104
CL=63 - 2/96
102=11/92

WEST FL
AGRO
6

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

prod well
C-2035
2

1002
NAPLES ISLES INC. Wellfield
(Water Prod Well)

NORTHUP
KING
CO

MTD
FISH
FARM

WEST FL
AGRO
11-00198-W
4

C2014D
prod well
use for flood irr.
Tammam

74mgd
DUDE
PIT

MW#3
TD=63
CD=28
TP=11/92
CD=11/92

THOMAS
PRODUCE
11-00207-W

Trailer
Park
11-00392

11-00972W
OUT PARCEL

1

11-00972W

