

SimplexSM
RECORD

St. Johns River Water
Management District
Rt 2 Box 695
Palatka, FL 32077

3/22/79 - 8/24/79

6

Simplex^{TM.}
ACCOUNT BOOKS

SJRWMD

320-346
54-63
ved
col(col) ✓
ok

16" N(e)
296-310

Richard A. Johnson
~~Palatka~~ HAT 10/85

91-511 Assortment
91-516 S. E. Ledger
91-517 Cash
91-518 Record

NATIONAL BLANK BOOK COMPANY, INC. • HOLYOKE, MASSACHUSETTS 01040



MADE IN U. S. A.

X Description of Cores - RAJ

- 69-74 sand & gray clayey PO4 pebbles
 74-82 sand & green clayey more
clay PO4 pebbles
 82-90 clay ssy. H-green PO4, rich pebbles
 90-98 top 3/4 as above
 bot 1/4 ssy, clayey v. lite
 cream PO4 pebbles
 98-99 ls PO4 ic v. ssy
 99-103 X
 103-108 clay green PO4 pebbles
 108-110 clay ssy green PO4 pebbles
 110-118 as above, more sand
 118-126 as above less sand
 126-134 1/4 top: as above more clay
 less sand
 1/4: v. lite green sand & clay
 some PO4 not much
 1/4 bot: v. lite green to tan sand
& pebbles
 clay lenses, PO4 bot sand ssy
 134-142 1/4: clayey sand tan PO4 all size
 1/4: white sand PO4 & heavy
 minus (as above)
 1/2: green clayey sand
 PO4 pebbles
 142-150 green ssy clay not many pebbles
 PO4

- X
- 150-158 v. light green ssy clay to clayey sand
bottom: green. no pebbly poy
- 158-166 green ssy clay no pebbly poy
- 166-174 green ssy clay to clayey sand
sand contains incl poy sand
- 174-179 white to v. light green clayey to
pure sand some poy
- 179-182 * 1/3 v. ssy & poy (sand to - m. pebbles)
- 182-190 * 1/3 v. ssy (" " " " ") some
day
- 190-194 * sandstone liney clayey poy sand
- 194-200 ~~sand~~ 1/3 v. ssy & ~~cl~~
light ssy poy
- 200-205 top 1 1/2' : as above
mod. clay & v. ssy
- 205-210 60 1/3 clay dk. green some sand
to olive band
- 210-215 as above @ poy pebbles
- 215-220 as above
- 220-225 as above
- 225-230 as above grading to ssx white
ls (lenses) & speckles
- 230-235 hd white ls moldic & (felic?)
grading to greenish bn ssy
poy ls on sandstone
- 235-240 hd ssy poy ls white some
moldic &
- 240-250 X

250-260 sandstone hd smey poric

260-270 gray clayey and poric

270-273 green clay (por not) hd

273-280 - X

280-282 - hd white to lt green ^{crumbly} ssy clay ls

282-292 hd ^{dk} green clay pure, grading
to white

292-300 hd ^{pure} green clay varved white
none ssy near bottom ssy

300-302 lt green clayey ls moldic

302-304 green clay sandy

304-311 - green clay sandy } fine sand

311-320 soft green clay pure around varved
white no por (to hd. clay)

320-322 lt. green to tan to dk almost black
clay blocky

322-331 - ssy blocky clay dk. almost blk

331-332 tan to white ssy poric ls no cl

332-338 v dk olive green clay

338-342 +

342-352 soft ssy green clay

352-353 lt green ssy clay

353-362 green clayey sand

362-372 slightly ssy hd green clay to
(middle): v. micritic of white ls por
bot! - sand green clayey

372-373 v ssy ls? or sandstone fine

X
✓
373-382 hd limy clayey sandstone lt

382-392 ^{green} bot: sand, green clayey
middle: hd ltc green po clay
bot: ls some moldic of ssy
some po

392-395 lt green limy ss. to
dk green " " to
cherty po pebbles & hd mottled
blk & white ssy ls to
assy ls. po-sand sred

395-400 hd ssy ls - po sand sred
(bot) to ssy clay Big po pebbles

400-412 ls green ssy po pebbles small
clayey

middle: v. hi moldic of ls

ltc gray po pebbles

bot: ssy green clay

412-422 ssy ls - hd - ltc green to
white very little po

bot: clayey sand green

422-424 sandstone, v. coarse clay po
dk green

424-430 ls very hi moldic of
mudly clayey? po to clayey
mudstone ssy po ls - no po
can

430-434: hd brown adamite @ inclusions
of white ls to

(Ocala) → mostly wht ls clayey
434-442 ls white soft to hd
where hd moldic & high

top & arenaceous

60+! hder.

all fossil (finer) hash

(macro)

(434-442 much pelecypod hash
arenaceous
or powdery)

Description of bay samples - Justin Hodges

0-1 Top Soil

1-9 sand, very fine lt yell.

9-11 clay gray & yell. ssy

11-15 sand fine yell clayey

15-20 sand " gray-ban

20-25 sand sand fine lt yell clayey

25-30 sand fine to med. with clay globs (kao)

30-40 sand fine clayey lt yell

40-50, as 30-40

50-58 sand fine thin clay lenses (blue)

58-59 clay deep blue

59-69 clay gray ssy calcareous trace pot
slightly indurated

27-39-07
80-24-09
16'

Donald J Burket
chief operator water plant
City of VB
PO Box 1389

FL 32960

Indian River Co. 304
Vero Beach P.S. 21
newly drilled
Meredith, Orlando,
driller
rept 675' / 415'
open #145 - #105

(1) caliper (+)
(2) GR down & up no spurious peaks
Top Haw: 135 site in area 485

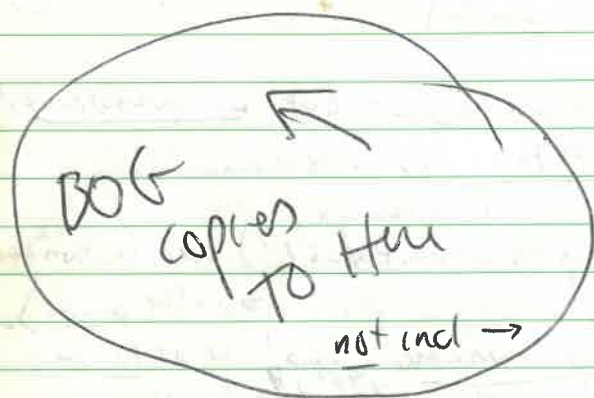
27-39-07 N
80-24-09 W
16' top.
T32S
R34E
S35
4SE NW1
NE2
Top Hawthorn Pk 261' zone (bottom zone)
(beg. typical Haw-like peaks)
Top Sumner: 365' got at 204 peak
Top Ocala: 422' out irregular 5m plus
sustained 20 cps or less
Top Ap: 647 good hole sustained
AP: 577
* 491' sustained v low Ent.
10 cps

(3) Electric R 200
Top Ocala: 442' (?)
Top Ap: (hi non pres) 664 (-?)

(4) bot hole sample @ 670' 320 ppm
surface flow 220 ppm

6 1/2' (est) 620' of flow above MP = Top of 4" valve
1063-8 > 4' + LRP

oil Δ between wells
Dayton Generator
8hp 3000w.



1063.8 ✓ Lake Co. 3/29/79
① Holiday Follage Inc. ³⁰⁸ [✓]
course 615ms above clear
in windy day!!
OK Humphreys
rept 325'

TDL 310'
Casing 8" x 245'

① caliper (7) @ 20 ft
site offset 0.172' (6" open hole)

② GR down @ wt.
Top Hw 111 104' - 146'
Top AP 190'
no spurious peaks!
well v started
- non-plumb.
4" @ WL
from "Tave"

③ Electric R1600
hd in pks - AP dolostone
zone = open hole
109' v trans hwy

MP = LSD + 1/2
= Top of 5' zone

④ Gut hole sample @
300' 20 ppm Cl-

T 20 S
R 24 E
S 14
NW 1
NE 2
SE 4

300'
oil on cable
fant probe up

WL = -13' 4"

1066.2

Ron Farley
Holiday Follage Inc.
Box 116
Okahumpka FL 3282

28-45-06 N
81-52-57 W

⑧ 7' top

Dunal Co.

1066.2 Maxport

SRWMD drilled / USGS 4/2/79
shallow wells

④ TDL 54' (4")
(= casing, 4" PVC) (Screen)
(1) GR down

SRWMD ~~D~~ 53

$$-6.34 = WL$$

$$MP = 1.37 + LSD$$

1066.5
③ TDL 33' (3")
(steel casing)

SRWMD E 54

(1) GR: down only

$$-5.25 = WL$$

1066.7
② TDL 33' (3")
(1) GR up (PVC)

MP = LSD + 1/2'
SRWMD F 55

$$WL = -5.54$$

$$MP = 1.35 (LSD)$$

1066.9
① TDL: 44' (4")

SRWMD G 56

(1) GR up & down (PVC)

$$WL = 3.66 \text{ from MP}$$

$$MP = 1.32 + LSD$$

1067.1

②

Bearrey FRANKS USGS Tex

- 1 302331/812402
- 2 302332/812403
- 3 302333/812404
- 4 302334/812405

not Jan
to 1975

Ocala NAT'l Forest

4/10/79

glom ~~dry~~
clean w/ny
humid

1071.1

6"

NFS 75497

1071.9

① TDL

Coring 6" to 306

dept 340' (306' 6")

USGS OBSA.

29-25-46N

81-51-33W

(1) caliper

arms stuck first

660 = 140

MP = LSD + 3'

v. small ledge(?) just below

bottom casing.

grease (up?) in casing @ 185'

(2) GR "key" down wt.

bad blockage @ 174 - 167

~ 2" od.

no more logs.

no well logged

no footage

1071.9

29-10-09

81-38-32

1072.8

NFS well/USGS

① 19840

marion CO.

dept 166' 6"

22.16.175'

elve 67.2' min.

TDL: 168'

Casing: TDL: 164'

(1) caliper (+)

(2) GR down no wt.

up

Top How: 139'

Top Ocala: 166'

g.v.
4/28/79

MP = LSD + 3'

WL = -31' 5"

JOK 4/12/79

1072.8 1075.1

Oceanway Hem. School

① TDL: 740'

Casing: 6" : 90'

3" : 598' ~

owner: City Tax

P.S.

v. slight flow ~ 50 gph

(1) caliper log - straight line ~!!

(2) CR log down (wt) 620

Top Hawthorn: 125'

Top ~~Ocala~~: 577'

0:620'

MP = LSDH 1/2'

surface flow sample: 30

= top of 6" flange

TIN

R27E

S37

ear sec

Driller: O.E. Smith's Sons 3/79

202806/813754 ✓

top (37')

Oceanway 2 (inner)

3080

② TDL: 684'

202841 ✓

Casing: 6" : 85'

3" : 522'

813730

O.E. Smith's Sons

(1) Caliper (+)

3/79

(75)

mud at ~ 680' ann. stroke.

4-1740

City Tax P.S.

(2) CR down (wt) 810

Top Hawth: 130'

⊙ CCL unmarked

TIN

R27E

S37

ear sec

Top ~~Ocala~~: 523'

0:654

surface flow sample 70

1075.1 -

1077.2

flow ~ 100 gph

top (34')

Justin Hodges
Turn Scott
4/18/79

1077.3 ①

Bradford Co outside Dist.
Boo core hole
NW Bradford Co.

from LSD

24 pt: 273' 3" into Gcal/a

MP = TO stem = 3' + LSD

ML 272'

52
Lagged Through Drill Stem

(1) @ 12 in 1 up next
Top Haw: 37'

Hawthorn well

MP = LSD + 3' Top of drill stem

" Bradford #1"

W-13014

30-02-1BN

82-(6-3) W

128'

#9 BOG/SSR
core hole described
and logged by me.

#5 BOG logged & described

PNR-11

Bradford #1

see next pg.

~~sample~~ description - re
Coke

40-46 tan ls/dk clayey @ 104
46-54 ss/day lt green 104 (much)
bot: more clay

54-62 ss/day lt green
upper: fine 104
lower: v high concentrations

some zones clay/sand
62-70 ls (upper 1') tan hd 104
rest: ss/day 104 tan to lt green to gray

70-78 1' upper: ss/day gray to tan 104
rest: clayey sand gray to tan 104
bot 1' gray ls hd ss 104 mottled

78-86 upper 1': ls ss 104 mottled
gray

rest ss/day 104 lt green
lower green ls clayey

86-95 2 zones: clay ss green 104
sand clayey "

95-103 ss/day green 104 sand sized

103-111 2' clayey sand green sand sized 104
3' lt green clay v fine sand & sand
104

3' clay lt green ss 104 sand

111-120 2' clayey sand (coarse) green

2' ss/day green 104 ss

2' dk green clay some sand mottled

2' lt green clay

✓
120-128 day dk green mottled

128-136- 2' upper day green

2' ssy day green some po4

2' lt green ssy day

2' dk green ssy day po4

136-148 ssy day ols po4

148-150 lost

148-150 ssy clay and green

150-163- 1' ssy po4 pebbles hd.

604 pl : day dk gray

163-165 1/2 1' clay lt. gray tan hd. dk day

168-171- no white ls hd.

171-174 day dk green

174-175- 1' ssy hd some po4

175-212 and cauchy

212-222 ss, to ss white gr. reish to the some

222-228- ss. more fract. v lt green

228-238 ss to day, ss hd. dk gray hd.
(2') of day

238-240 2' hd gray (dk) clay

240-242 lime ssy day white po4

242-252 2' ls - white (ssy shells)

2' ssy clay ls po4

252-262 : ssy day dk green to clay, sand

262-267 ss hd blue dk. to dk gray

hd ssy po4

267-273

got 1' moldic of v. hd dk the to diagram
solo pot

or got 2" ls white fine gr.
(scale?)

XCS #1 4/17/79 ✓ Bureau Co.
077-9 (E) Lake Pointett

① 6" TDL 173' (171) TD SCS -
coring: 6" to 93'

98'
use: stock/animal watering
(X) Corally 1078-5
almost hung @ bott. coring
no bone logs

~~(A)~~ sulfate flow sample: 1800 ppm Cl

28-21-14
80-48-37

Mid vent
to 8006

topo = 171

counts as well logged
and footage

T245 but not on main map (no gy info.)
1235E for index cards

34

NO 2

SW 3

SE 4

Chester L Bush
Dist. Conservationist
USDA-SCS
414 High Pt. Dr
Cocoa 32922

SWIS

SWIS

Washington Oaks ^{SR} core hole # (5)

Hayler

SSRWMP # (10)

1078.5

1079.5

TDL: 150'

Casing 4" PVC to 143'

Rept. 148+cont.

Pressure cap

(1) caliper

set zero @ 55 + 6.2 = 61.3

(2) GR up (no wt.)

Top Ocala: 138'

Top Haw: 100'

Hayler Co.

(zero check 5' actual = 7.5 measured)

Have ~~53~~ of insulation

29-37 54 N

81-12-119 W

topo = (7)'

T 10 S
R 31 E
S 39
sec

Description of Cores

(Ocal 4 LS)

140-148

Top to bottom:

1s) microbioclastic, white; crumbly,
6" hd, leps, Bryozoa, ech spines,
much ~~re~~ rexlization ~~no small forams~~
~~recognizable~~

1s) microbioclastic, white; hd. some
moldic ϕ , many ech spines, leps
part of; rexlized ~~no~~ ~~small~~ ~~forams~~ ~~recognizable~~

1s. ^{as above} some zones of v. hd. Rexlization -
no distinct hash recognizable.

1s: massive - minute-like ^{submic}, gray to lt brown
(dolomitic ϕ), all rexlized v. small
moldic ϕ leps in section

1s: as above * but some few small ^{forams} ~~re~~
recognizable

bottom 1": (just above cavity!)

1s, v. wht, v. chalky fine powder
not too much hash

✓ Po Box ✓

✓ B 32960

27-36-07N

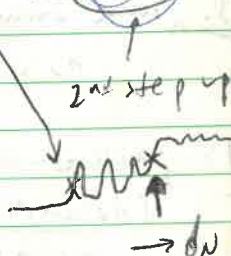
80-31-03

(23') top

Top Hawthorn:

Top Haw: correlation from DOU - core hole
= 96' OR (173')

T 335
R 38E
S 22
NE NE NW
2 2 1



PO4 section: according to Hercules drillers
log: top of green olive (Haw.) clay
(173) 250' = Top Hawthorn

Top AP: 534 (peak)
Top AP dolo: 766'

Electric

5309/m

cloudy with
windy

✓ 4/20/79 ✓

(306)

Indian River County
Venetian 1079.5
McCullers 7-95 Deep

(1) TDL: 1101'
casing: 6" to: 251'

1/3 km

Ball

BJ McCullers
driller

through Pat T.

(2) GR down & wt. up

1040' 780'

new (Aurora!) ink bottle BJ McCullers,

Top Haw: 96' mod pks. 173 driller 4/79

Top Sumner: 420'

540'

Top Ocala: 445'

Top AP: ~~534~~ 534' good pks. 534' BSM requested copies
& continues →

Al dolomite zone: 764-886 MP = Top of nipp
series higher peaks. = 1/2' + L5D
well defined

LC: 962

Group: v strange jerks & etc on wt. indication
all way

(3) Electric

(A) detail log R200 TC 1064'

(B) regular log R400 TDL 1101

1085.4

surface flow: 540 p/m (C17)

✓ NE Lake Wales Volusia Project

alone
hot
4/23/79

Ocala Nat'l Forest W of Salt Springs on 314 SR
Marion Co. State owned

① TDL 151'
casing: 6" to

1085.4

Hawthorn well

not on map

1 well footage ✓ project well

(1) Caliper

grease 14/6 cage @ 128' (!) GPI

(2) OR 2nd @ LT

Top Hawthorn: 108

WL = -36' 9"

MP = TOL = LSP

(3) Sample @ 120' 20

ppm Cl -
elev = 88.5'
(USGS)

1086.6

well 19140

bot hole sample @ 160'

40

1096.9

ppm Cl -

g.v. 4/24/79

29	17	30	N
81	49	40	W

88' elev.
level = USGS

swis ✓

cloudy rain
middle S.

St Johns Co. Owan R. Wildlife area

4/25/79

1086.9 1088.7

① TDL 433'

Casing 4" to 138'
3" to 319'

SS-B

#1 logged

(Southern most
well (1470))

(1) Caliper (+)

spurs pls in 3" casing only

(2) GR @ wt. ~~down~~ up

Top Hawthorn: 1115'

Top Ocala: 267' XL R. mbr.

to p lower mbr: 410'

30 02 03 N

81 20 27 W

~~see spur in sec 2~~

2x.

surface flow sample 110 11m

top 8'

T 55
R 29E

S 46

Eas sec

ft head (from MP to Top of 4"
plug on Tee)

+ 22.95'

applied more securing tape after this well to insulate
GR probe.

X
Perchant rd Jax. Duval Co.

cloudy
windy
humid
w/

5/1/79

For info.

1088.7

owner: m. hall

① TDL: 541'

casing: 2 to: 526'

4 to: 43'

1099.5

(1)

caliper (+)

30-22-13N

81-47-02W

topo 21'

no Bob

Caliper only

1089.5

5/4/79 ✓

alone
not handles

Ocala NATI Forest

E-316 Users Rep 190'

6" to 53'

① TDL: 90'
Casing 6" to: 53'

(1) Caliper (4) 13'/min

(2) Or down dip now.

Top How: 44'

Top Ocala (!): 69' (!!!)

Deaurexi!

NOBOL

WL = -69' 11"

MP = LSD + 3'
= TDC

T135
R24E
S13

(3) 60' hole sample

② 89' — 8 — ppmCl

N02
NW1
NW1

1090.7

Ocala well

29-22-00 N

81-51-00 W

USGS Elev = 91.72'

5/11/79

✓ "Plymouth" @ Tony
Hawthorn down

Orange Co.

at request SJR M.P.

1090(?) - 1091.9

sand/bacteria problem

①

TDL 85'

casing 4' to 55'

mud in bottom

still in water

②

✓ 1 caliper

(2) OR down top of hole:
no wt.

Hawthorn well

✓ well logged

✓ footage but not on
map nor cards.

(1090)

request of:

Hart Electric - Appleton
Tony H. ✓

Ben Konkel owner
PO Box 221
Plymouth FL 32769

28-4346 N

81-33-12 W

to po 82'

Hawthorn well

no wells
no footage
no 306 ✓ (1)

clean call

Jay 5/19/79

home well

J-1082

1091.7

1092.3

① TDL 192'
casing 8" : 34'

(1) call per (+)
only

Owells
O footage

1091.7

② 3x2" well
rpt 522'

(1) call per (+)

Owells
O footage

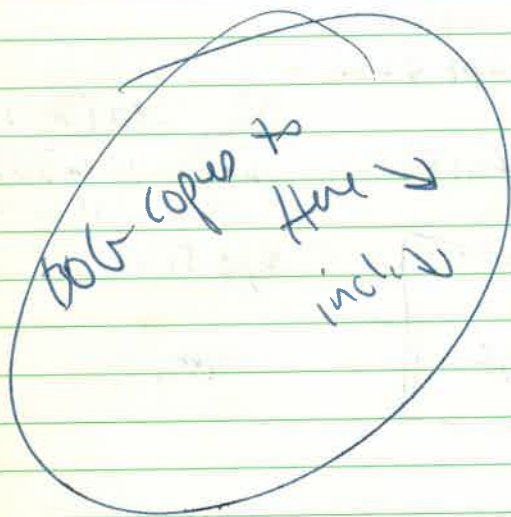
TDL 390 (TD=395)

casing : 2" to 385'

3" to 48'

rpt 550'

Penny



① TDL 198'
casing 6" to 165'

(1) Call per (+)

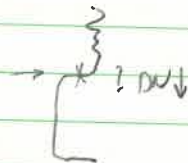
(2) Gr down GWT: Top Pump (3) = 101'

Top Ucal 9: 165'

Top AP: 196' wire-elect

(3) Electric 2200

Top AP: ~~197'~~ 197' (hi peak)



(4) Bot hole sample @ 190'
60 ppm Cl-

T145
R32E
S28W
1/4 sec

MP = LSD + 1'

NL = -30' 4"

Enforcement - plug abandoned well

Mm Unatin

Life Mobile Home village

500 S. Nevada Rd.

500

29-15-55N

81-04-58W

topo (27)

303 ✓ 5/29/79 ^{don't know} Volusia Co
Ormond Beach Life Mobile Home pk

694, 9

10 96-3

6/6/79 Marion County (Enforcement - M. Reid)

1096.5

1097.5

Mims Development
owner

TDL: 123'

Casing: 6" to 59' M. Sheppard,
Miller,

(1) Caliper (+)

(2) 10R down (GLT)

Top Hawthorn: 12'

Top Ocala: 25'

Top AP: 92' highest LS peak

(3) 60' hole sample @ 115'

15 [Cl] ppm

SL = -30' 1/2"

T14S
R22E

S32

SW3

NE2

NW1

29-13-46 N

82-07-54 W

topo. elev. = (74')

X 6/11/79

Orange (v.)

⊙ Br. Kunkel
8v. 5/11/79
clear not

1097.5

1098.7

① TDL : 111' (mod)
Casing 4" : 75'

(1) Caliper (+)

(2) OR down @ wt. 8 up

Top Hawthorn : 53'

WL = 34' 11"

Hawthorn well

not on main map
nor index off.

28-43-42 N

81-33-07 W top-e 4v. = 82'

at request Hart Elect
Tony Harrington

well apt. pumping black mud
well drilled ~1' off apt.
some driller on 5/11/79

✓ Mayport - Dunn 16. 304
 6/13/79 cloudy cool windy
 1098.3 1103.8
 US Navy owners
76 14278 WIG
 TDL 992'
 casing: 16" to 416"
 TIS 2000' 5300' 5000' 5000'
 (1) (align (4)
 free fall to open
 (mud)
 Drillers log - Ocala 493
 24" to 80'
 1950 g/m rept
 we: fine control
 "US Navy #4"

6/14/79
 1103.8
 1105.1
 sample @ 980
 40 ppm
 (2) 6R dm @ wt.
 Top Hw: ~~70~~ 280' m/c Top of Flange =
 clay (mod. low int.) CSD + 1'
 almost feature (peak) - less 767
 Top first P04: 281' ✓ 610
 Top Ocala: 411'
 Top AP: ~~681~~ 667' (valley)
 Top LC: 746' (hike) 711' (zone)

(3) Electric R
 Top AP: 696' (reduced) peak
 Top LC: 797' hike

(4) T dm exp 0 wt. (same steel)
 Flow zones: 720-754
 770-795
 843-860
 910
 DN

7 oiled cable 990-500 (up)
 30-23-02N
 01-24-42W
 topo 8

6/10/79

✓
Moss Bluff

Gravel & Frank
not clean

(1) TPC 130'
casing 4" to 72'

1105.1 1105.8
sherrate dly
no water:

(1) calliper (+)

owner: Alex Whitlock
irrigation
new drilled

(2) OR down 600 ft.

Top Han: 35'

Han Thorn well

29-04-46 X

81-53-52 W

approx. 85'

not on main map
nor index cards

✓ 1/25/80

6/21/79

Total Number of wells with GR log
and at least into Ocala / Suwannee
Logged @ SJRWMP

notes file:

checked, rechecked and cross checked with main map

By County:

21 counties

	Total #	# over 1000'
Alachua	7	1
Dekler	2	0
(Bradford)	1	0
Brevard	12	0
Clay	7	0
(Colombia)	1	0
Duval	55	23
Flagler	27	0
(Wilcherst)	1	0
(Hamilton)	1	0
Indian River	5	2
Lake	37	0
Marion	21	0
Nassau	6	3
Orange	7	0
Ocala	6	0
Polk	3	0
Putnam	52	2
St Johns	51	0
Levinole	3	0
Volusia	43	0

Total: 348

2 1000': 31

6/22/79

GFDNR wells @ GR at least into Tampa Co or $\equiv$

	Total #	# $\geq 1000'$
Alachua	1	0
Bay	1	0
Brevard	17	0
Charlotte	1	1
Duval	14	5
Flagler	1	0
Franklin	3	0
Gulf	1	0
Leon	3	0
Manatee	8	1
Martin	6	5
Monroe	3	3
Nassau	3	0
Orange	4	0
Palm Beach	2	2
Putnam	19	0
St. Johns	15	0
St. Lucie	1	0
Sarasota	18	4
Taylor	1	0
Volusia	7	0
	<u>128</u>	<u>21</u>

Total: 128

Total: 21

6/22/79

Totals

BOTH SPRWMD & FDNR

Tal County: 11/2

Jacksonville: 69/28

Manasota: 26/5

Pokanoke: 9/0

Peninsula: 453/51

TOTAL: 462/52

Oklawaha Basin: 62/0

Si. Fla. (1/2): 79/17

33 counties

Large Cities (wells logged within) (by population)
1973

Daytona Beach

Gainesville

Jacksonville

Melbourne

Merritt Island

Orlando

Panama City

Sarasota

Tallahassee

(as above)

$\frac{462}{592} = 78.90$

"total # logged"
(b/c. of b/c)

6/29/79

SSRWD #11
core hole #6

TPL 148'

core: 4' PVC to: 117'

(1) Caliper (+)

(2) OR 2m @ WT.

Top Hawthorn: 82' *

Top Ocala: 129'

* Top P4 gp. peaks 21: 82'

Top clay: 46'

(3) bot hole sample - (top Ocala)

① 130'

WL = -77' 2"

MD = TOL = LSPK 1'

② 7/12/79

1107.6 ~

relog after deepened to 250'

29-28-39 N

81-37-57 (-3)

(1) 10' PVC
(2) OR 2m

Blocked

134'

(nd)

94.5'

measured elev.

try again: 7/16/79 after drilling placed stem to 160'
C past 130' but stopped (nd) ① 171'
decided not to relog - A1 confirmed
10th in day

DOWN well #1

slow
hot clean
gaskets

1105.8

1106.9

DuPont City area

reg 167'

Potnam County

308P
Potnam County

1.8 to Petron Co.

6.0 to 21

3.4 to 100

7/3/79 ✓
to BOG

Keystone Heights

① TDL 234'
Casing: — ?

hot, clear
Clay Co.
S-515 N

BOG corehole - 12
Rpt 232'
1106.9
1107.6

W-14301

TOC of stem = MP = LSP + 3'

7/3/79

① brl run down nowt.
through drill stem

R 246
S 20
SE 4
SW 3
NW 1

top Ocal 231'

Vall de Jul (#1)

(single small contamination peak
in cavity)

top Haw: 63' (?)
like run constantly

BOG corehole # 12 ✓ logged
~~BOG corehole # 6~~ logged & described

1/4/77	2/7/78	2/23/79
10/4/77	2/24/78	3/22/79
10/20/77	2/13/78	4/12/79
11/9/77	2/14/78	7/03/79
12/12/77		

29-52-04 N
81-55-16 W
topo = 161'

X (FDR)

✓ Core description

282-242 15, white, foram hash, Leps

242-240 as above, some Fe staining
both above, hd to crumbly

240-235 15 as above. Leps

235-227 cavity @ fillings

227-222 ss hd. gray (K), CO₂ cement
probably, P4 grains & sm pebbles
dic gray clay streaks, some lenses
loose sand: bottom 4' = ss, brown
to gold hd, cemented CO₂ prod.
some P4 grains & pebbles

bottom 2": 15, ssy, Fe staining
v. fine grained 15 tan hd

some scattered moldic ϕ

222-220 ss, as above, but more clay
less CO₂ & softer

clay is hd blocky dk gray

220-217 ss, dk gray, CO₂ cement, hd
clay lenses reduced some scattered moldic

217-212 15, as above in place more
crumbly. also lighter gray

212-207: bottom 1/2: ss @ soft ϕ
hd 15 lenses: 15 15 less ssy re-
alyzed hd, more moldic ϕ also
dolomite

bottom 1/2: whd. chert & dolomite, blue-gray some ss. P04, reformed, zones of moldic ϕ

207-205: ss, CO_3 cement, h.d. to (zones) soft. some dolo & chert zones vlt gray

205-202 - cavity? no return

202-199: ss, hd, CO_3 cement P04 grains. moldic ϕ

199-195: cavity? no return

195-192: ss, CO_3 cement, h.d. to dolomite/ls, ssy hd high moldic ϕ chert & P04, few scattered clay blebs. (regional)

192-189: ls, v. ssy, hd, moldic ϕ hi, P04 grains, some tan dolo, some zones: v. hd v. hi moldic ϕ calcite xls (6.5) still ssy.

189-188 1/2: dolo., tan, v. hi, moldic ϕ , ssy & P04 grains. w. hd.

188 1/2 - 187 1/2: clay, dk green, ssy.

187 1/2 - 192: dolo. tan, hd, moldic ϕ , slightly ssy, clay blebs, dk gray, many P04 grains & small pebbles, zones of hi ss & clay content, commonly

182-178: ls & dolo, ssy, hd to carmely, lt blue-gray to dk brown (dolo) P04 grains & pebbles (ssy throughout) some chert pebbles

178-168: bottom 2': ls & chert, slightly
ssy; some und peet. dk brown to
black;

remainder: hd blocky clay, unweaved, some
zones of v fine sand: one 1" zone of
ls, ssy poritic (dk green to olive)
layer of poritic toward top 2' (more
med gr. sand)

168-162 clay, ssy, olive to brown, sep. zones
of clay (fine) & of w/ht clay (co)

162-157 clay, ssy (med gr. size, as above)
dk brown to dk tan; many zones
of w/ht clay (ssy)

157-152: ss, relq. hd, lt gray, some ^{lt green} CO₂
no moldic ϕ , po4 ✓

152-147: clay, slightly ss, v. lt green
to tan, ~~peet~~ bottom 2': more sand.

147-142: bottom 4': clay, lt green
no sand, grading to hd ls, clayey
pure

top 1': clay, dk green, ssy,
po4 pebbles

142-137: clay dk brown to dk gray: ssy
some CO₂ cement?

137-132: ssy, very clayey, lt to med.
green, some sand sized po4

120 1/2 - 120: ~~dot~~ (4) ss, co cement, po4
pebbles, lt green to tan grading to
ls, ssy, dolomite to dolomite, ssy.

(2) Above bottom: ls, ssy, clay ~~pebbles~~
moldic ϕ , gray & zones of brown
dolo.

net 2': ho ssy ls, moldic ϕ ,
blue chert pebbles, few zones of
brown dolo.

top 2': sand, clayey to clay, ssy.
olive to green, po4 grains.
one zone (2") of ls moldic ϕ
& ssy, hd.

Justin

120 - 125 sand, clayey, po4

92 - 72 as above

72 - 69 1/2: ls. ssy gray-tan fls, lithous

59 - 59 clay. gray calc.

59 - 58 dolo. hd gray

58 - 57 ls, gray clayey

57 - 55 sand & clay gray

(57 - 55) - ss and gray

57 - 47 clay, ssy

47 - 45 ls, yellow ssy

45 - 40 clay

40 - 38 ls clay & ss

38 - 34 clay ssy & po4

34 - 32 ls hd

X ✓
22-28 clay poy shells

28-26 clay ss

26-22 clay gm & yellow

22-18 clay ss poy

18-16 sand

16-12 sand

0 to 1 top soil

Core Description SSAMP #11 Corehole #6

118-137: 2" dolomite; laminated gray to brown,
in filling @ clay, po4itic & sandy
at top (v. hd.)

5" dolomite & dolomitic ls. ^{ssy}, tan to
lt gray to brown, v. hd, some moldic
φ, v. recrystallized, po4 pebbles; oolitic

4" dolomitic ls & dolomite, v. hd, lt gray
to brown, oolitic, some moldic φ,
v. recrystallized, po4 pebbles & sandy

7" dolomitic ls & dolostone, v. hd, lt
gray to brown, ^{ssy}, oolitic, po4
pebbles, more moldic φ (but smaller)
v. recrystallized

3" dolomitic ls & dolostone, v. hd, lt.
gray to brown, ^{ssy}, some chert
in filling of green clay, po4 pebbles,
some moldic φ, v. recrystallized

5" dolomitic ls & limestone, v. hd, lt
gray, some tan & brown, ^{ssy}, mostly
lt gray ls., some moldic φ, few po4
pebbles,

3" : ls & dolomitic ls, ϕ dolostone, v. hd, re-
crystallized, med. moldic ϕ , ssy, lt gray to tan

15" : ls & dolomitic ls, ssy, v. hd, re-crystallized,
lt gray to white to tan, some dolostone,
ssy, some moldic ϕ ;

1" as above

4" as above, more "in fillings" of white
ls.

2" ls & dolomitic ls, lt gray to white,
"in fillings" of white clay-like ls,
POY pebbles, ssy, hd, most ϕ infilled

4" ls & dolomitic ls, lt gray to tan to
wht, v. hd, in fillings of white clay-
like CO₃, most ϕ infilled, ssy some
POY

6" ls, ϕ dolomitic ls, lt gray to
tan, ssy, v. hd, med hi moldic
 ϕ , POY pebbles

6" ls & dol. ls, as above, but less
moldic ϕ , some wht clay like ls in filling

2" ls, v. hd, not much moldic ϕ , ssy, pgy
sand, & pebbles, lt gray

4" ls, v. hd, not much moldic ϕ , as above +
some wht ls fillings

3" ls, ^{doth} v. hd, many "in fillings" of moldic ϕ
by sand cemented by CO_2 (wht), v. hd,
ssy pgy pebbles

8" ls / dolostone, v. hd, zones of hi moldic
 ϕ , ssy, lt gray to brown,

127'

crinoid - dolo, chert, wht to tan ls, ssy,
hd to soft, pgy zones, some fine sand
(much hd, brown sucrosic dolomite)

129' - cavity $\rightarrow$ 135'

Ocala ls, tan, foram (sm.) hash, scrubby
v low moldic ϕ , ($\uparrow$ sand sized)

3" - 5" - 1" - 4" - 4"

— 137'

147-150': ls, tan, foram hash (mv.) crudely
- low moldic ϕ ,

✓
150-152: ls, tan, (v.m.) foam hash, crumbly

152-155: ls, tan, v.m. foam hash, some
zones of hden more limified ls, remainder
crumbly.

155-157: ls, tan, v.m. foam hash,
crumbly; v. bottom: white v. crumbly ls.

Frank Lentz

Alachua Co. Gilke (DE2)

clean
knut - LloydK
driller & owner

7/17/79

1108.4

①

TPL 145'

Casing 4" to 109'

10 ft 155' 1109.4

109/4"

L1040 Kinsey

Kawm (FL)

+ Driller

Miller - at drill

(1) Caliper (+)

(2) OR down 4 ft.

Top Hw: ~4'

(at hot pk.) Top Ocal 9: 19'

10 ft 50' (driller)

Top AP: 71' (v. hot pk.)

(3) Sample: bot hole @ 135'

~~60~~ ppm (C-1)

problem: bacteria

WL = -98.0'

MP = TOC = LSD + 1'

23rd Ave NW N E-75

approximate 1/4

29-41-05N

82-25-02

topo elev = (125')

T 95
R 19E
S 28
NW 1
NE 2
SW 3

DBCC #1 7/18/79
all 3 state-owned

not clear
(O'Connor) Taylor
Vol Co Dev Co

1109-3
1111-3

Drill (un. kept) Dwyer
Pump

① TDL: 310'
casing "6" to: 248'

(1) Caliper (+)

Oldy 6 well
(NW corner snake
bar)

(2) OR down (2 wt.)

Top Ocala: 106'

Top AP 184 ~~184~~ ✓ lite Grand peak

Top dolostone zone: 249'

5160+ hole sample @ 300'
170

T155
R32E

use: AC injections
stopped 2 mos ago

S 30

plug-in power

EM
sec

29-12-07

81-03-05

topo = (28')

② DBCC

②

4"

64 Dds

#PE

TDL: 195'

Casing: 4" to: 108'

water supply

plug in pump

(1) Caliper (x)

U. Ryose

(2) GR out own.

(3) Electric

APs →

Top Ocals: 110'

AP: 191'

(4) bot. hole sample @ 190'

290

ppm (Cl)

T155

R32E

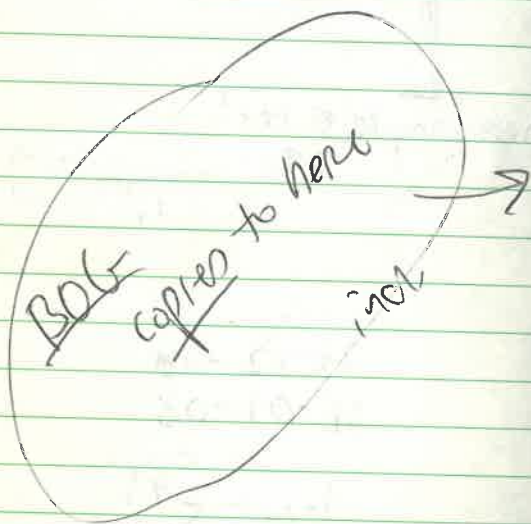
530

Tracer

29-12-08

81-03-08

to pu = 29'



(3)

#3

DBCC

to
11/4/6

TDL: 301 ft.

Casing: 8" : 237' parking lot AK injection well

(1) caliper (1)
"uneven" pipe

(2) GR

up (cht drive broken) (only)

Top Ocala: 99'

AP: 181'

AP dolostone: 239'

(3) bot hole sample

@ 295' 4,930 ppm [1]

TIES

232 E

538

Trace

MP-USD

WL = -25.0'

29-12-09

81-03-00

topo = (27')

Julien - well

WL Eustis

✓ 8/2/79

① Dewey Benjamin
hot hum. 1
gates

114.7

TPL: 205' 4" to 203'

115.5

(1) Caliper #(-)

break in straightening line @ 145'

(2) Go down gut down

Top Hawthorn (pot p/c) 121'

no Bolt copiers
K

MP = LSD + 1' =
TOL

Hawthorn Well

not on index cds

NOR main map

28-51-43 N

81-45-02 W

topo elev = 66'

90 10/2/79

u

copy repro
already sent

✓ (302) hot humid just
PM et al.
Marion County 8/18/79
Juniper Spgs.

BoG core hole
7-13 Ocala Natl Forest

TDL: 282'

Casing: 4" 117'

TO stem = LSD + 3'
for gr

(1) GR down from stem'

Top Haw: 83'

Top ~~data~~: 109' 2

Top AP: 122' (30' graded)

(no Ocala present 8/8/79)

(2) Caliper no stem MP = LSD + 3'

(3) E/er E1600

all AP.

pks dualys

data zone: 257' (?)

29-10-53

81-42-51

topo 56'

WL = -10' 8" LSD 11/7.5

#2 shallow - Ocala Ls. 11/13.5

Juniper #2 water supply

TDL 48'

Casing 4" to: 40'

WL = -9' 11"
MP = TOC =

(1) Caliper (+)

(2) GR down (nowt) tip 50' + 1'

Top Haw: 12'

Top Ocala: 34'

Description of Cores FPNR ←

- 0-4 sand, silica, tan to yellow
- 4-6 sand silica yellow some heavy min.
- 6-8 sand silica tan to brown mottled heavy min.
- 8-10 sand, silica brown heavy min.
- 10-12 1/2 sand, silica, lt brown
- 12 1/2 - 15 1/2 sand, silica, tan to wht some heavy min.
"beach sand"
- 15 1/2 - 17 1/2 sand, silica, wht heavy min, "bed
of yellow ~~clay~~"
- 17 1/2 - 20 sand, silica, lt tan to wht. heavy min.
- 20 - 22 1/2 sand, silica wht. heavy min.
- 22 1/2 - 23 1/2 sand, silica wht to tan heavy ^{clayey} min.
- 23 1/2 - 25 sand, silica, wht to brown / tan laminated
clayey
- 25 - 27 1/2 sand & clay, wht to yellow heavy min.
- 27 1/2 - 35 sand, silica, wht to tan to yellow (lt)
some clay
- 35 - 40 sand, silica wht to yellow
freaks of brn. heavy min.
- 40 - 43 sand as 35-40
- 43 - 47 sand, silica, lt gray
- 47 - 50 sand, silica as 35-40
- 50 - 55 - 67 as above
- 67 - 70 sand & clay wht to gray silica
- 70 - 73 sand, some clay wht (A) a local-
ization of orange

73-75. sand silica, some clay wht to gray
75-81 as above, near bottom: streaks of
orange & tan.

81-92 sand & clay gray to orange & tan

92-97- as above - more mottling ↑
bot 1/2: clay, wht
shell frags. sil. orange stained spots
& green clay lenses (804)

97-99 as bottom 1/2 above

99-92: sil, sil, orange, tan, brown
shk teeth, 804 rubble is pieces
in places of green.

91-92 1/2 sil wht/tan pettized
1/2 gray wht sand (fine) clay

92-102 97 X

97-102 sand, silica, fine & some clay

102-104 sand, silica, fine to red, "6 pet ot
wht clay tan (wht to gray)

104-108 sand, silica, wht to gray, some clay

108-112 sil, hd, low moldic of wht. Fe²⁺
stained, scattered forams in mint cond. the
remainder highly pettized, dense

bot 5": dolomite brown hd, thin hole moldic

112-117 dolomite, brown hd, zones of wht
(scattered recognizable forams)

bottom 1/2: sil powdery tan 0
moldic of

grading to: tan dolomite pin spot mollusc ϕ @ pin
spot wht/foram

117-119: ls, hd, wht. some scattered tan dolo.
v low mollusc ϕ

119-126 no necessary soft friable

126-127 dolomite ls tan some mollusc ϕ
wht spots orig. forams

127-132: ls (dolomite) tan to light brown low mollusc
 ϕ , wht orig. forams "spots" hd but
more friable

60 ft 4": v hd gray ls 0 mollusc ϕ

132-134 ls, v. hd gray to wht brown pin-
spot ~~mollusc~~ dolomite

134-142 almost lost fossils

142-147 ls, wht. soft forams high
to tan, 0 orig wht forams "spots"

147-152: ls, wht to tan (t) wht orig. forams
"spots", med hd, ϕ friable, low mollusc

60 ft 2": dolomite, dk brown ϕ
hd, pin spot por., layered @ dk gray
to gray. v. hd.

60 ft 2": brown dolo.

152-154 60 ft, 2' above

154-162 ls. brown, pin spot ϕ , uniform

162-163 dolo ϕ ls., wht to brown, ls: cherty

163-172 dolo, wht to tan (t) v cherty fine grd.

60 ft. 6": dolomite, tan to lt brown
very ~~dear~~ later.

✓
172-179 dolo mite, v. fine grained, Chalky uniform
~~thin~~ prospect of it any.

179-182 dolo. v. fine grained as above, few v.
thin organic layers

182-187 dolo. fols all same color tan
whitish gray. foram spots.
crumbly in spots

187-190 as above, harder, less crumbly
but: 1/2: hd, per spot p
1/2: crumbly & foram grained

190-192: gs above

192-197: as above + zone of wht ls.,
coarser grained.

197-202 ls, wht foram back to the grained
not so hard

202-207 ls, wht, crumbly still, no mottled
some zones of tan dolo. (thin)

207-209 ls, wht, hd, fine grained

209-212 ls, wht. no fine grained to crumbly
coarse grained

212-217 dolo fine grained, chalky v. lt. tan
bot. 4" varved $\ominus$ organic mat'l
(dk) & dk brown dolo.

217-222 as bot 4" above (varved)

222-231 ls dolo. wht & dk tan all crumbly
but 1/3: dk dolo. dk brown - prospect
p, some addic p

✓
231-237 dolo. dk brown to u. dk gray hd.
paspot ϕ , some fine grnd zones, some
moldic ϕ , some concretions organic mat/

sof 6" white crumbly ls no ϕ

237-242 ls wht, some crumbly zones,

242-247: 1': as above

2': lt tan dolo. dk fine grnd
u small pin spot ϕ ,

uniform in color & texture

~~242-247~~ sof 1': dolo. hd fine, brown
higher moldic ϕ

247-248: dolo. brown & dolo brown ls
ls, white interbeds (1/4") & some
concretions

248-252: ls wht, crumbly but fine toned
grained

sof 2" dolo. brown hd.

252-257 dolomite hd brown, paspot and
moldic ϕ ,

257-262 dolomite, brown, hd, fine zones of
fine grained

262-264 dolomite, brown u. hd, moldic ϕ
paspot ϕ

264-267: dolomite lt brown, u hd, paspot ϕ
very little moldic ϕ , 1/2" green clay bed

267-272: dolomite brown smooth to high
paspot ϕ

✓
272-277 272 277 272, no d, smooth. 1x-bram
middle 1/3: dolo. brown hd. higher
pin spot & some moldic
lower 1/3: dolo & some ls, lt tan,
scattered zone of pin spot &
otherwise smooth/dense.

277-280 277 280 277 d & tan, smooth/dense to
crum & d cot: 5" high pin spot &
all hd.

BOG & to here

Volusia Co.

PS.

TO Lee
Lifestyle Div. Sof DeLand

included in wVol./Lake project

TDL: 276'
Casing: 8" to 141'

1117.3

MP = TOC = LSD + 1'

(1) Caliper (+)

(2) GR own Gwt. 0: 100

Top AP 1100' / dolostone(?) : 228? ✓

(3) Electric R800

Top AP ddo zone -230

(4) 60' hole water sample

② 270'

70 ppm [1-]

Lifestyle Div. TO Lee Foods Inc

David Fry operations mgr.

1119.6

PO Box 3160

DeLand FL 32720

W2 = -65' 9"

T185

R30E

S 1
NW 1/4 NE 1/4 NW 1/4

28-58-05 N

81-16-42 W

Locke well & pump

topo = 70'

5/17/79

Marion Co - Ocala

County office Bldg

300

11/19.6

11/19.6

11/21.2

①

TDL: 203'

well

apt 235'

casing: 8" + 153'

plug in

(1) Caliper (+) (unares.)

(2) GR down 9 wt.

Top Hawthorn: LSP

Top Ocala: 31'

Top AP: 84' (peak)

743

153

222

S18

N6 2

SE 4

SW 3

(3) Electric

Top AP: 170'

(dolozone)

(4) Bottom hole sample ②

200' - 20

ppm 613

AC condenser well

WL = -30' 6"

picture/hare in

Ocala Star - Banner

Sunday Aug. 12

MPE packet at rock

79-11-15 N

82-08-26 W

elevation (to po) = 71'

dog legs
already sent

Juniper Spss 2

DNR corehole 2

in form with supply
cell 48' TD2

does not count as

new well

but counts as new

corehole

8-14 DNR

8/9/79

TDL: 114'

(orig): 4" to 50'

(1) CR turn stem (to 102')

Top Ocala: 35'

Top Hawth: 13'

Top AP: 110' (hike int.)

(2) Cell per

smaller hole (core)

1121.2 - 1122.1

① 8'

T stem then wait

(1) Electric

Top AP: 108' (1122.1)

(pronounced)

29-10-33

81-42-51

#1 from #2: 36' (measured)

① 11 E of ②

(Justin
Hodges)

same well as

#2 8/6/79

MP = top of stem = 3'

LSP

W-14527
Juniper 2

DNR-14

49'

Description - Conus

- 48-52 ls, tan (v. lte), soft crumbly, foam hash, no flexurization, uniform ϕ modic ϕ
- 52-56 ls, as above
- 56-62 ls, v. lt tan, soft crumbly to slightly lithified, uniform, no flexurization ^{modic} ϕ
- 62-56 as above (foam hash)
- 62-67 ls, v. lt tan, harder, more lithified, uniform, foam hash
- 67-72 ls, v. lt tan, harder & more lith., stays in cone shape better still, foam hash, uniform
- 72-75 ls, v. lt tan, fairly hd, no modic ϕ , foam hash, uniform grain
- 75-80 ls, v. lt tan, fairly hd, sm amt modic ϕ , foam hash, uniform
- 80-88 ls, v. lt tan to orange stained, fly hd to crumbly, low to med modic ϕ (pelec) still no flexurization
- 88-92 ls, v. lt tan, soft crumbly to mod. lith., uniform grain, foam hash, some (low) modic ϕ
- 92-97: ls, v. lt tan to orange stained to $1/2$ v. hd, lithified, no modic ϕ , foam hash, uniform. Remant: remainder: ls, v. lt tan as above & orange staining, some modic ϕ

same crumbly zones
7-102 upper 1/2: ls, fossil hash calc. h. & l. Th.
uniform-grain-size, some moldic ϕ
to mod. moldic ϕ , minor orange stain
darker tan

4": dolomite, h.d. uniform grain
much calc. cement med. brown

1': ls as upper 1/2, blocky, h.d.
v. fine brown speckles (dolo?)

bot. 6": dolomite: h.d. brown
fossil molds some fossil f. / c. all
cement, calcified

102-112 Top 5": dolomite: h.d. dk brown, pinpoint ϕ
1': dolomite h.d. brown / dk tan,
mainly dolo. blocky

1.2': dolomite, h.d. brown, pinpoint ϕ ,
some moldic ϕ

110 Top
AP

1.2' ls. wht, h.d. ^{low} moldic ϕ , mixed
cement & not much porosity.

3' dolomite, h.d. brown, pinpoint ϕ ,
some moldic ϕ , somewhat crumbly.

8/14/79

Marion Co. hot humid
gnats

Anthony Mobile Home park

1122.1

120x63'x4" rept
driller there

P.S.

TDL : 109'
Casing 4" to 62'

(1) Caliper (+)

(2) GR down @ wt. top
Top Haw: < 8'
Top Ocala: 25'

(3) Electrol 1600 ohm-in (f.s.)

(4) bot. hole sample @ 105'

T 14 S
R 22 E

S 9
NW/SE/SE
1 4 4.

10 ppm Cl⁻

WL = -30' 8"

MP = TOC = LSD

29-17-24 N

82-06-46 W

topo = 80'

Send copies/info to:

Smoky Robinson

Smoky's Well Drilling
4701 NE 7th AVE

Ocala Fla 32671

904-732-5570

not owner of
Lloyd Kinsey

8/22/79 Marion Co.
Silver Springs

1123.3
(Ankney) owner
(Charles)

(1) DCL 106' (gr)
(casing at least 65' - 4')

and PVC drop pipe &
pump set by hand.

6 ft of 2 long this pipe
down well
logged anyway

(1) Cal pipe (to 65') metal block case
(+)

(2) gr ~~down~~ up (slow) 15 f/m

Hawthorn
well

~~Top of cal (7): 69'~~
irregular intensity (to bed.)

Top Haw: 44' ✓

Driller: Ashbaugh
well Drilling

2 joints drill pipe & bit
still in well.

1124.1

-22' 5" = WL

mp = TOC ± 1' ± LSD

29-13-34M

82-02-56W

logged through Pat Tillman SPAWMP 64'

✓ Jax

✓ Jammy Rd. P.S.

8/23/79

(297)

1124.1

① TDL: 719
Casing: 411 to: 457'

W/m

- we had to remove
a valve gassy,
v. hot.

(297)

(1) Caliper (+)

(2) CR down - ut. 226' old PS, City.

Top Hawthorn: 1132' ginned system

Top Ocala: 503'

Top lower M62: 648'

(3) Electric 2800

Top Ocala: 501' Got peak (m)

(4) Bot hole sample ④
Surface

~~10~~ 10 ppm

T3S

Q 26 E

1127.5

S 18

30-14-05 N

SW SW SW

81-44-50 W

3 3 3

topu = (27')

✓ DOB sep already ✓ (296) not heard
Ancient City (S) DOB corehole 8/24/79
Putnam Co. Justin Hodges et al.
① TDL: 160' Mpt 162'
Coring: 411 to 167' [9-15]

(2) Caliper H

1/27.5

1/28.8

(2) gr den nowt.

Top Hawthorn: 69'

Ocala: 73'

AP: 127' highest pk.

continuously higher
thereafter.

(3) (attempt Elec. - used quality)

DOB-15

MP = LSD

WL = -28' 4"

T135
R 28E
S 7
NE
NE/SW 2
3
1
Mchols et al

29-23-05

81-30-59

topo elev = (64')

W - 14318

✓ Crescent City Bob corehole

Nichols #1

0-11 sand

11-17 clay gray some lenses sand & clay

17-18 clay lt green

18-21 1/2 clay, upper 1/2: clay lt green

lower 1/2: clay lt green & orange
Fe stained, & mottled

21 1/2 - 22 1/2 clay lt green & brown, mottled

22 1/2 - 27 1/2 clay, lt blue to lt brown to gray
bottom 1/2: contains shell pieces
waxy

27 1/2 - 28 1/2: clay, gray to lt brown, mottled

28 1/2 - 32 1/2 upper 3/4: clay, waxy, lt gray
to and lt brown to purplish-brown

bot 1/4: clay, white to lt gray
- green some orange, mottling

32 1/2 - 36 1/2 upper 1/3: clay, ^{lt green} ~~gray~~ sand

mid 1/3 - sand, beach, white to
Fe stained,

lower 1/3: coquina, uncemented
wht shell pea, & clayey
to sandy (beach sand)

36 1/2 - 39 1/2: clay, shell, sand & organic-
matter - sand (black)

39 1/2 - 39 1/2: 1/3 sed 2" wht vol. ssy
(wht) shell, sand & clay

38 1/2 - 44 1/2: shell, clay, sand, lt greenish b
gray, soupy. heavy mass - shell and
44 1/2 - 47 1/2: sand & shell, tan to lt orange,
Ponak sp.

47 1/2 - 52 1/2 sand & shell, toward bottom sand
predominating, somewhat clayey, top:
orange bottom: gray

52 1/2 - 57 1/2: sand, gray, some shell & clay, (more
toward bottom)

57 1/2 - 60 1/2: sand & shell, clay, orange top, gray bot.

60 1/2 - 62 1/2: sand & shell, dk gray, some clay
(sm. amt.)

62 1/2 - 64 1/2: top 2" as above ↑

64 1/2: clay, dk gray / lens sand,
v. bot: 1" clay lt green (some
PO4?)

68 1/2 - 71: ls v. hd, argillaceous, no p, gray
clasts of ls white & PO4 pebbles,
1" of green clay

1 1/2' dolomite brown, pm, pot &

71 - 77: top 2" dolomite brown as above
1, wnt, PO4

4" ls wht, some PO4 / clay inclusion
foram hash

remainder: 1' wht, foram hash
crumbly

bot 2" dol. ls brown.

77-82, 1/2 wht, foam hash

so + 1/2: dolo, 1/2 of 1/2

dolo 1/2: 1/2 brown h, no p

1/2: wht foam hash

82-85, 1/2 wht foam hash

85-87, 1/2 wht foam hash, much moldic p

87-92- 1/2 tan to wht foam hash, harder
more lith. v little moldic p

92-98, 1/2 wht foam hash crumbly,
some moldic p (to tan)

98-102, 1/2 wht foam hash, crumbly

102-107 1/2 white foam hash, "

107-111 as above but zone high moldic p,
harder, more lith.

111-117: 1/2 wht foam hash, fairly lith. but
much moldic p

117-122 1/2 wht foam hash, crumbly, some
moldic p

122-125: 1/2 wht foam hash, crumbly to
lithified zones of moldic p

125-127: 1/2 wht foam hash, h, to
crumbly, little moldic p

127-132: dolostone, v. fine grained, some pin spot
por. v. lt tan (6" cavity)

v small zones of unhard foam

so + 1" = dolomite, v h, pin

of banded dk brown / dk gray

132-137 1/2, wht, reth, no, much moldic p

1/2: dolostone dk brown to black
pin spot p, organic shes, (ly)

137-142, dolostone, lt tan, pin spot p, v h
high moldic p in places

142-145: 4" as above

1" (v white) clay sed

145-147: top 3": clay, lt. gray

4": 1/2 wht. reth, h, some p

147-152: dolostone, h.

top 2": lt tan to brown, high moldic p
remains: v h, pin spot p (low)

tan to brown to brown of dk gray banded,
zones of moldic p (sm)

152-158 dolostone, dk brown to banded dk
brown of black zones of high
pin spot p moldic p, all v h

August 1979¹²

Lake County

TFL: 408 ft.

Type: C, G,

8/2

TDL: 203'

#wells: 1

Marion County

TFL: 862 ft.

Type: C, G, E

8/6/79

TDL: 48' (282')

#wells: 2

Volusia County

TFL: 682 ft.

Type: C, G, E

8/7

TDL: 276'

#wells: 1

Marion County

TFL: 1,488 ft.

Type: C, G, E

8/9, 14, 22

TDL: 203' (114') * 109' 106'

#wells: 3 + 0

Duval County

TFL: 1,694 ft.

Type: C, G, E

8/23

TDL: 719'

#wells: 1

Putnam County

TFL: 408 ft.

Type: C, G, E

8/24

TDL: 160'

#wells: 1

to #7 Field DC.

Duval County

TFL: 3780

Type: C, G, E

6/13

TDL: 992'

#wells: 1

Marion County

TFL: 256 ft.

Type: C, G

6/18

TDL: 130'

#wells: 1

Putnam County

TFL: 298 ft.

Type: C, G

6/29

TDL: 148'

#wells: 1

593 - 423 - 759, 805
July 1979

Clay County

TFL: 508 ft.

Type: G

7/3

TDL: 254 ft.

#wells: 1

Alachua County

TFL: 287 ft.

Type: C, G

7/17

TDL: 145 ft.

#wells: 7

Volusia County

TFL: 1655 ft.

Type: C, G, E

7/18

TDL: 310' 301' 195'

#wells: 3

598 - 428 - 762, 255

May 79⁴

Duval County

TFL: 541 ft.

Type: C

5/1

TDL: 541'

#wells: 1

Marion County

TFL: 269 ft.

Type: C, G

5/4

TDL: 90'

#wells: 1

Orange County

TFL: 165 ft.

Type: C, G

5/11

TDL: 85'

#wells: 1

Volusia County

TFL: 483 ft.

Type: C, G, E

5/29

TDL: 198'

#wells: 1

588/18/754, 784

June 1979⁵

Marion County

TFL: 366 ft.

Type: C, G

6/6/79

TDL: 123'

#wells: 1

Orange County

TFL: 321 ft.

Type: C, G

6/11

TDL: 111'

#wells: 1

Deaford County

TFL: 544'

Type: G

4/13

TDL: 272'

#wells: 1

Deerard County

TFL: 171 ft.

Type: C

4/17

TDL: 171'

#wells: 1

Flagler County

TFL: 300'

Type: C, G

4/18/79

TDL: 150'

#wells: 1

Indian River County

TFL: 4,958'

Type: C, G, E

4/20/79

TDL: 1101'

#wells: 1

1/3 Km

Cal

Marion County

TFL: 301'

Type: C, G

4/23

TDL: 151'

#wells: 1

H. Johns County

TFL: 863 ft.

Type: C, G

4/25

TDL: 433'

#wells: 1

584/4/4/753, 326

March, cont. 1979

Clay County

3/22

TFL: 1,784 ft.

TDL: 493 ft.

Type: C, G, E

#wells: 1

Indian River County

3/27

TFL: 2,272 ft.

TDL: 673'

Type: C, G, E

#wells: 1

Lake County

3/29

TFL: 679 ft.

TDL: 310'

Type: C, G, E

#wells: 1

570 | 400 | 737, 832'

APRIL 1979¹⁴

Duval County

4/2/79 \$414

TFL: 3,597'

TDL: 54' | 44' | 33' | 33' | 963'

Type: C, G, E

#wells: 5

Marion County

4/10

TFL: 503'

TDL: 168'

Type: C, G

#wells: 1

Duval County

4/12

TFL: 4,257'

TDL: 740' 684'

Type: C, G

#wells: 2

