

Sun Oil Company  
P. C. Crapps "A" well No. 1  
Dixie County, Florida  
Section 36-8S-10E  
Elevation: 41'  
Samples from Sun Oil Company  
Report dated April 10, 1950.

1780-90  
Sulcopercula,  
Rudistid frags,  
Vaughanina  
Carbonisid

Top of U. Lawson. Lt crm colored dol<sup>m</sup>ie cryptocrystalline ls w/some small selenite inclusions. Many frags of calcitized molds of fos w/Rudistid like structure & frags of other bivalves. Many specimens of a Sulcoperculina? and some specimens of Vaughanina cubensis. Mat & fauna same to 1850'. (See #13 & 14 on slide).

1850-60  
2. Fossil 2

Mat similar to the above, but frags of molds of macrofos common & some specimens of Pseudorbitoides sp. fairly common. (See #15 on slide). Mat more gypsiferous than preceding. Same to 1990'.

1990-2000

Lt tan, finely porous, mod finely to very finely crystalline highly gypsif dol. Some frags of poorly preserved micro & macrofos molds. Same to 2130'.

2130-40

Tan, mod finely crystalline, porous, somewhat gypsif dol. Same to 2150'.

2150-60

Top of L. Lawson. Mat as above, also about 25% frags of highly and very finely dol chk. Some specimens of a small Blastoid-like Comatulid (found in L. Lawson) & some large Echinoid spines also common to the same part of the section. Mat as above with dol chk at least 50% of sple. Specimens of a Pseudorbitoides sp & some of Lepidorbitoides & some specimens of a small Brachiopod common to the L. Lawson. (See #16 & 17 on slide).

2160-70  
Pseudorbitoides  
Lepidorbitoides  
Brachiopod

2170-80

Like the preceding.

2180-2210

Dol & finely dol chk & fauna as above.

2210-20  
Lep. Robulus  
Brachiopod

White chalk, many frags of Lepidorbitoides, some specimens of the Brachiopod as above, many specimens of several species of Robulus, a few Ostracods. (See #18 & 19 on slide).

2220-30

Like the preceding.

2230-2300

No change.

2300-10

Very finely & irreg highly dol chalk w/some gyp inclusions.

2310-20

Like the preceding.

2320-50

No change.

2350-60

Tan, very finely crystalline dol w/some gyp inclusions, a few frags of chalk.

2360-70

Like the preceding.

2370-80

Dol as above & about 50% somewhat dolie chalk.

2380-90

Very finely cryst tan dol, a little dolie chalk.

2390-2400

Dol as above & about 25% dol chalk.

2400-10

No change.

2410-20

Very finely crystal, tan, gypsiferous dol. A few chalk frags.

2420-2450

No change.

2450-60

As above w/about 25% chalk frags & some frags of Inoceramus.

2460-70

Gypsiferous dol as above, little chalk.

2470-80

Like the preceding.

- 2480-90 No change.
- 2490-2500 Gypsif dol as above & about 20% chalk.
- 2500-10 Gypsif dol & about 50% chalk. Chalk prob mat being drld. Inoc prisms & small specimens of Cibicides harperi fairly common.
- 2510-20 Like the preceding, but few Inoceramus prisms or forams.
- 2520-70 No change.
- 2570-80 Chalk, about 50% to 75% of sple. Some Inoc frags & some specimens of Cibicides harperi.
- 2580-90 Dol & some chalk (dol prob caving).
- 2590-2600 Dol & at least 50% chalk. Some Inoc frags, some specimens of Cibicides harperi. (See #20 on slide).
- 2600-10 No change.
- 2610-40 " "
- 2640-50 Top of Taylor. As above, gyp dol & chalk each about 50%. (Dol prob caving). Some increase in Inoc frags. A few frags of lt grnish gy bentonitic sh.
- 2650-60 Like the preceding, some specimens of Bolivina incrassata.
- 2660-70 About 50% chalk & 50% tan anhy, very finely cryst dol as above. Many Inoc frags (some frags of chalk show many Inoc prisms). A few frags of the lt gy bentonitic sh (prob caving).
- 2670-80 Like the preceding.
- 2680-90 No change.
- 2690-2700 Same as above, some barite crystals in chalk. Inoc frags & prisms fairly common, some specimens of Bolivina incrassata and Globorotalia micheliniana.
- 2700-10 Mat as above. Inoc frags fairly common. Specimens of Bolivina incrassata, Globorotalia micheliniana, Pleurostomella subnodosa & Anomalina sp. (Taylor form) present. (See #21 on slide).
- 2710-20 Like the preceding.
- 2720-30 Mat & Inoc frags as above. Few forams.
- 2730-40 No returns.
- 2750-60 Chalk & many Inoc frags, some dol & many frags of the gy bentonitic sh (prob caving). Many anhydrite cryst in chalk. A few forams.
- 2760-70 Like the preceding. Some specimens of Anomalina cosdeni & Bolivinoides decorata, Anomalina scholtzensis.
- 2770-80 No returns.
- 2790-2800 Chalk & dol & cavings of mat & fos from much higher depths.
- 2800-10 About 50% chalk (prob being drld) & 50% finely gran tan dol (prob caving). Many Inoc frags. Some anhy crystals from the chalk. Forams present mainly caving from much higher depths.
- 2810-20 Like the preceding.
- 2820-70 No change.
- 2870-80 White chalk, about 10% dol (prob caving). Some Inoc frags. Very few indigenous forams. Some anhy crystals.
- 2880-90 Like the preceding.
- 2890-3000 No change.
- 3000-10 About 50% wh chalk & 50% lt tan dol. (caving?), some Inoc frags. A little barite, very few indigenous forams. No marked change in fauna.
- 3010-20 Like the preceding.
- 3020-60 No change.

OK

2700-10  
 B. D. SCHULTZ  
 NAMM. SCHULTZ  
 GLOBOROTALIA  
 PLEUROSTOMELLA  
 ANOMALINA  
 1/20/50/15/17/5/11

3060-3120

Approx. Austin top. (One sple). Mainly white & lt gy chalk with scattered but evenly distributed very fine, brn dol crystals.

Lt gy somewhat finely dol chalk as above.

Core #1, Rec. 5'. Top 20": Mod hd white chalk, irreg finely & thickly strkd w/a brnsh blk (prob petroliferous residue). (See #22 on slide). Some specimens of Globigerina & Globotruncana present.

Mid 20": Mod hd white & lt brnsh gy chalk. Dif in color prob due to lt oil stain in irreg portions of core.

Bot 20": Mod hd white chalk as above & a 1" lense of dk gy marly, somewhat white "speck" chalk, some frags of fos bivalves, some specimens of Kyphopyxa christneri, a Globorotalia umbilicata & numerous specimens of Planulina texana.

3220-30

Cut of mod hd white chalk, lt gy chalk & a few of dk gy "speck" chalky marl. Some Inoc frags & cavings of mat & fos from higher depths.

3235-37

Core #2, Rec. 24". Top 10": Mod hd, wh chalk.

Bot 14": Dk gy finely lt strk & speck, marly chalk, with some hard white chalk lenses. Frags of fos bivalves (some Inoc), some specimens of Globotruncana marginata.

3240-50

Cut of hd white ls, some frags of dk gy "speck" marl & at least 50% cavings of dol & other mat & fos from higher depths.

3287-89

Core #3, Rec. 24". Top 6": Mod hd wh ls w/some lt brnsh gy stained areas.

Mid 12": Brnsh gy, finely lt strkd & speck hd marly chalk. (See #23 on slide).

Bot 6": Mod hd white chalk.

3290-3300

Sple mainly cavings. Some hd white chalk & a few frags of dk brnsh gy "speck" marl.

3300-10

Like the preceding.

3310-20

Similar to above but less cavings & more frags of hd white chalk, lt gy chalk & many frags of dk brnsh gy "lt speck" marl.

3320-30

Like the preceding. Some specimens of Globotruncana marginata.

3330-40

Cut of hd white chalk & at least 50% frags brnsh gy, finely strk & speck marl. Specimens of Globotruncana marginata fairly common.

3340-50

Like the preceding. Some fish scale frags in the dk brnsh gy "lt speck" chalk. Some Inoc frags.

3350-60

No change (See #24 on slide for type of fauna present). Globotruncana marginata strongly dominant (for mat see #25 to 27 on slide).

3360-3430

No change.

3430-40

Mats as above, but dk stained, "lt strkd & speck" marly chalk, forming 75 to 90% of sple content. Some Inoc frags & specimens of Globotruncana marginata common as above. A few fish scale frags.

3440-50

Like the preceding.

3450-70

No change.

3470-80

As above, the lt colored chalk frags present contain a large amt of very fine calcitic mat & some minute globular bodies common to Ector-tongue of the Austin chalk. (See #28 on slide).

N  
M  
MURDOCK  
C. J. MURDOCK  
3150-60  
3173-78  
Core 1

SH, L. J. MURDOCK

N  
GLOBOTRUNCANA  
SPP. 3350-60

GLOBOTRUNCANA  
MURDOCK  
ON 37

OK  
MURDOCK  
C. J. MURDOCK

3480-90  
3490-3510  
3510-20

Like the preceding.

No change.

Similar to the above, but the dk lenses often very dk, flaky & highly "speck" & the lt lenses composed almost entirely of fine calcitic (mainly broken fos) mat w/ some thin hard layers. Some Gumbelinas & Globigerinas in the microfauna.

Top of Eagle Ford. Like the above, but some frags of a grn splintery sh added & prob representing the mat being drlg. (See #29 to 32 on slide). Sun has a specimen of Planulina eaglefordensis.

Like the preceding. Increase in grn sh frags.

Grn sh at lease 25% of sple. Fauna still dominated by Glob & Gumbelina (mainly from the overlying beds.

Core #4, Rec. 24". Top 8": Gy, somewhat lt "speck" clay sh, filled w/crushed chalky & finely broken calcitic (fos mat) & mod hd tan ls which also contains a large amt of finely broken crushed fos mat. (See #32 & 33 on slide). Globigerina & Gumbelinas present.

Mid 12": Dk gy, finely lt "strk & speck" marl. (See #34 on slide). Globigerina common. A few specimens of Plan. eaglefordensis.

Bot 4": Top of Mid or Lower Atkinson. Lt gy, very finely gran textured (silty or dol?) pyritic ls. (This ls typical of both U & L Atkinson). (See #35 & 36 on slide).

Core #5, Rec. 8'. Top 4": Gy, pyritic & slightly "speck" marl. A few small nods of bright grn glauc present & a microfauna, composed of Globigerina, many specimens of Anomalina obesa, some of Hastigerinella subcretacea and Triloculina sp. (See #37 on slide).

2nd 4": Lt gray, mod hd ls. (See #38 & 39 on slide).

3rd 4": Dk gy, somewhat "lt speck" marl as in top of core. (See #40 on slide). Fauna same as in top of core.

4th 6": Gy marl, as in top & 3rd part of core. A large fauna of forams & Ostracods present. Dominant species Anomalina obesa, Anomalina plummerae, Anomalina sp, Robulus sp & Globigerina sp. Other species present but not abdt, Vaginulina leptoteicha, Vaginulina? sp., Globorotalia marginaculeata, Cibicides n. sp., Quinqueloculina lirellan-gula, Reophax sp., Ammobaculites agrestis & several species of Ostracods including specimens of Cythereis cf. burlesonensis (See #41 thru 43 on slide).

5th 6": Harder gy pyritic marl, similar to preceding in gen char. Fauna similar to preceding, but less varied & abdt.

6th 3 1/2": Hd gy marl as above & brnish "lt speck" marl. (See #44 on slide). Most fos mat represented by the crushed chalky frags which gives the marl its speckled appearance. Globigerina sp. present as calcite molds.

7th 6": Brnish gy "lt speck" marl as in preceding part of core.

Bot 2': Hd, gy, somewhat "lt speck" marl, some frags of fish scales & some small shreds of carb mat, some calcitic molds of Globigerina.

27-28-31  
29-31  
Grn sh  
U. Atkinson

3520-30  
3530-40  
3540-50

3540-48

Crit. A

32-33  
A.M.  
SS

H. globulosa  
H. globulosa  
Pinn. elongata

CR. LAM

3548-56

A. obesa  
OK - Cms 5  
ATK

OK

C. globulosa  
C. globulosa  
H. globulosa  
P. n. sp.  
A. obesa  
O. rostrata

ATK  
L.M.



3590-92

10

Core #10, Rec. 18". Top 6": A gy, highly argil, glauc & phos mod soft ss, medium grained. (See #55 on slide). Some mica.

Bot 12": Like top of same core.

3592-3602

11

Core #11, Rec. 48". Top 1 1/2': Gy, highly argil; glauc, mica & phos soft ss. Some frags of carb mat.

2nd 6": Hd gy sdy, mica & glauc clay.

3rd 6": Soft lt gy fine grnd glauc ss w/ thin irreg parting of gy, mica clay shale. Occas cse sd grns. Some of the sh partings carbonaceous.

4th 5": Top of L. Cret. Lt gy, argil, brn, yellow & dk grnish gy strk, fine to cse, etched qtz sd. Some mica, some pink tinted grns.

Bot 10": Lt gy, highly & finely micac mod soft siltstone. (both biotite & muscovite mica).

3602-12

12

Core #12, Rec. 42". Top 9": Lt gy, fine argil & somewhat mica sd. Some pink tinted grns. A few cse grns qtz.

2nd 3": Gy, highly mica clay sh & lenses of fine sd. (biotite & muscovite mica).

3rd 9": Gy clay sh & partings of fine grnd wh, highly mica sd.

4th 9": Lt gy, argil & mica fine grnd qtz sd, grns etched, some pink tinted.

5th 6": Gy, highly mica somewhat silty to finely sdy clay shale.

Bot 6": Lt gy, fine to med grnd, highly mica mod soft ss. White bentonitic matrix, some pink tinted grns, a few of feldspar. (See #56 on slide).

3612-17

13

Core #13, Rec. 18". Top 16": Lt gy argil & mica fine to med grnd ss. Sd grns etched, some pink tinted.

Bot 2": Gy mica, sdy clay w/ thin layers of mica siltstone.

3617-23

14

Core #14, Rec. 5'. Top 3': Grn mica silty clay & thin irreg lenses of mica siltstone. Some portions of core show slickensided areas.

Bot 2': Lt gy, mica siltstone & lenses of dull reddish brn & gy grn mottled mica clay sh.

3623-33

15

Core #15, Rec. 18". Lt gy, argil & mica (biotite & muscovite) fine to med grnd, soft ss. Grns etched qtz.

3633-43

16

Core #16, Rec. 6". Soft lt gy, argil, fine to cse grnd qtz ss. Sd similar to preceding in gen char.

3640-50

17 NR

Cut. Mainly cavings from U. Cret section & some sd as above. (No recovery on cores 17 & 18, 3643-54).

3654-59

19

Core #19, Rec. 12". Soft, lt gy argil & bentonitic ss. Some stain, which may be from drlg mud. A little mica. Sd fine to very cse.

3659-65

20

Core #20, Rec. 4". Argil ss, like the preceding.

Fine to very cse sd & a few frags of grn clay sh & multi-colored sh from L. Cret section. (For frags of this sh sec - 57 & 60 on slide).

3680-90

3690-3700

3700-10

Sd as above. Some cavings.

Like the preceding. A very frags of multicolored sh.

Fine to very cse qtz sd. Some feldspar, many yellow tinted & some pink tinted grns. A few frags of dull red & multi-colored clay sh. Some cavings.

Comments

3710-20  
3720-70  
3770-80

Like the preceding.

No change.

Sd as above also many yellow & wh & some pink & white sd, lime nods, & frags of sd pebbles? of similar color & char. A few frags of mica, multicolored clay sh.

3780-90  
3790-3800

Like the preceding.

Similar to above, less nod lime, a few frags of several types of pink & of white ss. (Prob also nodular).

3800-10

Fine to cse sd, some sd multicolored lime nod & frags of red & mustard colored sd, also fairly numerous frags of a pink stained very fine grnd ss (See #13 & 14 on slide 2).

*Comments with*

3810-20

Fine to cse sd as above & many frags of an amber colored fine grnd ss. Some frags of a yellowish grn & of dk red sh. See #15 & 16 on slide 2.

3820-30

Like the preceding.

3830-40

Fine to cse sd, many frags of the yellow ss & some of the pink described above, some frags of a pink tinted medium grnd ss. (See #17 on slide 2). Some frags of dk red & yellow grn mottled clay sh.

3840-50

Like the preceding.

3850-60

No change.

3860-70

Like the above w/many frags of dk red, somewhat yellow-grn mottled clay sh.

3870-80

No change.

3880-90

Frags of red, somewhat yellowish grn mottled sh, strongly dominant. Some sd & ss as above.

3890-3900

Like the preceding.

3900-10

No change. Most of the multicolored sh slightly silty. For types of sh present see (#18 to 21) on slide 2.

*OK*

3910-20

Like the above w/numerous frags of a fine grnd white ss also present. (See #22 on slide 2).

*OK*

3920-30

Fine to cse sd 50%. Red & mottled sh about 50%, some frags of the white ss as in preceding. (The cse sd in sple prob caving).

3930-40

Sple mainly fine to very coarse qtz sd w/ cse grns common.

3940-50

Like the preceding.

3950-60

Sd as above & about 50% dull red & gy & grnish mottled sh.

3960-70

Fine to very cse qtz sd (many cavings).

3970-80

Fine to very cse sd & about 25% red sh.

3980-90

Like the preceding.

3990-4000

No change.

4000-10

As above, also fairly common frags of a mod cse grnd white ss (See #23 & 24 on slide 2). Sd somewhat chloritic.

*OK*

4010-20

Like the preceding.

4020-30

Sple at least 50% red, gy mottled sh, remainder fine to cse sd & cavings of other mat.

4030-40

Red gray & grnish yellow mottled unctuous clay sh. (See #25 & 26 on slide 2). Clay contains some nod of glauc? partly oxidized.

*OK*

4040-50

Like the preceding.

4050-60

No change.

4060-70

Like the above, some red stained concretionary lime nods.

4070-80

Red sh as above & about 50% fine to very cse sd.

*Conglomerate*

4080-90 Fine to very cse sd. Many amber colored qtz grns; some feldspar & small red, grnish yel pebbles of claystone, ls & some chert?, a few basalt & other mat. Frags of red clay still common as above. *Conglomerate*

4090-4100 Like the preceding.

4100-10 Red & mottled clay dominant w/fine conglom as above about 25%.

4110-20 Red & mottled unctuous clay sh w/some sd as above, & some red stained sd frags of lime nod.

4120-30 Like the preceding. Sh about 50%, sd-50%, some stained li nod.

4130-40 Like the preceding.

4140-50 Sp. mainly red clay sh, sl mottled.

4150-60 Sp. about 80% fine to very cse sd, mainly qtz, frequently yellow tinted, a little feldspar & a few frags of other mat. About 20% sh as above, some red stained frags of sd lime nod.

4160-70 Like the preceding.

4170-80 Fine to very cse sd as above, about 50% red, somewhat mottled clay sh 50%. A few stained li nod.

4180-90 About 75% sd (averaging coarser) & 25% sh. Small pebbles of qtz & a few of other mat common. *Conglomerate*

4190-4200 Mainly fine gravel as above.

4200-10 Like the preceding.

4210-30 No change.

4230-40 Red, sl gy & yellowish grn mottled clay sh & about 25% sd as above.

4240-50 Mainly sh above. Red & some lt bluish gy.

4250-70 No change.

4270-80 Sh as above & about 25% fine to cse sd & some ss pebbles. *Conglomerate*

4280-90 75% red sh, 25% fine to very cse sd.

4290-4300 No change.

4300-40 " "

4340-50 Like the preceding w/some frags of several types of ss (pebbles?) & some frags of a very fine grnd bright red ss. (See #27 on slide 2).

4350-60 Like the preceding.

4360-70 *high* Mainly red sh w/numerous frags of a bright red sh, some ss & sd li nod & about 25% sd (fine to coarse). (See #28 & 29 on slide 2).

4370-80 About 50% red & mottled sh, some bright red & cal very fine red ss & 50% fine to cse sd.

4380-90 Like the preceding.

4390-4400 About 50% red, sl mottled sh including many frags of the bright red & 50% fine to very cse loose sd. Some frags of stained sd lime nod.

4400-10 No change.

4410-20 Sp. mainly bright red sl yellowish grn mottled sh. (See #30 on slide 2).

4420-30 Bright red sh as in preceding. Sh is irreg silty & hd, some red stained lime nod.

4430-40 Sh as above & numerous frags of fine grnd lt reddish cal ss. Some sd lime nod.

4440-50 Mainly bright red shale.

*OK*

*OK*

*OK*



4450-60

Approx top L. zone. Sh as above, also many frags of a hd cal lt reddish to red & white fine grnd ss & some sdy ls. (See #33 & 35 on slide 2).

4460-70

Abdt frags of the lt pink fine to med grnd cal ss & sdy ls. Some red sh (prob caving). Mat in part yellow mottled. Mat prob alters rapidly & irreg from a cal ss to sdy ls.

4480-90

About 50% bright red sh & 50% white to lt pink cal ss to sdy ls as above.

4490-4520

No change.

4520-30

Red & some mottled sh about 20% ss & sdy ls as above.

4530-40

Like the preceding.

4540-50

No change.

4550-60

Mainly red & some mottled sh. A little ss & sd ls as above.

4560-70

Mainly yellowish grn, red & gy mottled clay sh. (See #36 and 37 on slide 2).

4570-80

Like the preceding, some lavender colored mottling in sh.

4580-90

Many concretionary li nod. (See #38 & 39 on slide 2). Like the preceding w/abdt stained & varicolored concretionary li nod.

4590-4600

Like the preceding.

4600-10

As above, also abdt cavings.

4610-20

No change.

4620-30

Bright red & some yellowish grn & mottled clay sh, some li nod, some cavings.

4630-40

Like the preceding.

4640-50

Mustard colored, red & white mottled sh & frags of mottled mustard, pink & white fine to med grnd ss w/limy areas. Sd is irreg in size in ss. (See #39 to 42 on slide 2).

4650-60

Like the preceding w/more frags of the variable cal ss & sdy ls, pink wh & grnish yellow mottled.

4660-70

Like the preceding.

4670-80

As above, also many frags of a deep pink ls & siltstone & some pink ss (apparently a rapidly alternating ls to siltstone to ss. (See #34 & 47 on slide 2).

4680-90

Like the preceding.

4690-4700

Red, white & mustard mottled sh & about 75% pink, white & yellow variable ss & sdy ls 25%.

4700-10

Like the above w/many caving frags.

4710-20

No change.

4720-30

Fine to cse qtz sd 50% & 50% varicolored clay sh & variable & varicolored ss & sdy ls as above. Some cavings from much higher depths.

4730-40

Like the preceding.

4740-50

No change.

4750-60

Red, mustard mottled, usually somewhat sdy clay sh & many frags of white, pink & occas yellow mottled cal hd ss & highly sdy ls. Sd grns med in size.

4760-70

About 50% red & some mustard mottled clay sh & 50% variable white, pink & some yellow, cal ss & sdy ls as in preceding.

4770-80

Like the preceding.

4780-90

No change.

4790-4800

About 75% variable ss & sdy ls & 25% sh.

4800-10

Like the preceding.

- 4810-40 No change.
- 4840-50 Red & mottled sh about 80% cal ss & sdy ls as above about 20%. Sh is somewhat sdy.
- 4850-60 Like the preceding.
- 4860-4910 No change.
- 4910-20 Mainly red, sl yellowish grn mottled sdy sh. (Sd in sh vary variable in amt of grn size. Sh a bright red).
- 4920-30 Like the preceding.
- 4930-50 No change.
- 4950-60 Sh as above about 50% & 50% frags of pink & white & yel mottled hd sdy ls & highly cal ss (variable as to size & quantity of sd grns as above).
- ~~4960-70~~ Like the above. A few tubular cal concretions? from the red sh. (See #48 on slide 2).
- 4970-80 Mainly red & somewhat mustard mottled sh irreg sdy, some cal lime nod vary colored also.
- 4980-90 Like the preceding.
- 4990-5000 No change.
- 5000-10 Top of Pal on Schl. No change.
- 5010-20 No change.
- 5020-30 Mat as above - Note on bag, "R. yel quartzite chip".
- 5030-40 Same as preceding.
- 5040-50 Red sh & other mat as above, also a few frags of mod hd fine grnd finely ferruginous spotted ss & frags of a purplish red, highly mica sh. (See #49 & 50 on slide). Mat has a weathered appearance.
- ~~5050-60~~ Mainly mat from higher depths as above. Some frags of lt grn, mica, fine grnd mod hd ss & some of the weathered brn stained frags as above.
- 5060-70 Cavings & abdt frags of lt grn, mica fine grnd, quartzitic ss. A few frags of the purplish mica sh. (See bot row on slide 2 for Pal mat).
- 5070-80 Like the preceding.
- 5080-90 No change.
- 5088 SWC. Mainly drlg mud, a few chips of the quartzitic ss.
- 5090-5100 Mainly cavings, some frags of the gy-grn mica (& quartzitic ss & some of the highly mica copper colored sh.
- 5100-04 Like the preceding. Some of ss frags deeper grn than above.

OK

SS 15  
PA 5020-50  
in 49

OK

O-R  
Sure Palms

E. R. Applin

FLA-Dix-OT-1

15-18 | 100% fgg, loose qtz sand, clear Tn, wh, ind ch  
broken loose from Lt br clayey

MATRIX

15-20 | 40% FORAMS 60% wh, ind ch Tn, f-m, qtz, clear qtz  
20-25 | 20% " 60% creamy, micro ls 20% ult, sy, micro, ind ls (mostly forams)  
25-30 | 30% " 40% " 10% " 20% Lt TAN, v fgg, hard ls

20-30 | 85% creamy v fossils - MICRO COQUENA and 10% TAN, v fgg, hard ls  
MANY loose FORAMS 10% ult, sy, micro, ind ls (mostly forams)

30-35 | 30% " 30% FORAMS 30% clean fgg, qtz sand 10% TAN, v fgg, hard ls  
35-40 | 25% " 20% " 50% " 5% "

now broken up w/  
forams free & just  
micro ls matrix left

30-40 | 50% h, qtz, ind, micro ls w/ black specks 10% FORAMS 10% micro, creamy, ind ls (probably matrix for forams)

40-50 | 40% " 15% " 45% "

45-50 | 20% FORAMS 10% tan, hard, tight, micro ls 70% wh-creamy, ind, v fossils - micro COQUENA

50-55 | 10% fgg, clean, qtz sand 5% TAN, v fgg, tight, hard ls 85% creamy, ind, micro, v fossils w/ forams broken out

Jx 120-30

50-60	20% tan, ufg, u soft dolo	5% Ltgy, ind ls w/ black specks	75% creamy, ind, micro, u foss ls
			many foss, broken out of micro
			MATRIX
60-70	20% large forams	80% creamy, u foss ls w/ micro matrix, many foss broken out, large & small forams (plenty)	
70-80		100% "	In Ltgy, micro ls
80-90		"	
90-100		"	
100-110		"	
110-120	30% tan, <sup>thicker visible</sup> fgn, hard dolo	70% "	
120-130	60% "	35% "	5% Ltgy, micro, ind ls w/ black specks
130-140	70% "	30% "	
140-150	60% "	35% "	5% "
150-160	50% "	50% "	
160-170	"	"	
170-180	80% "	20% "	
180-190	45% "	35% "	
190-200	70% "	30% "	
210-220		25% "	75% lg, uuggy, fgn, hard, dolo. This is a diff. dolo than the tan dolo above. You can see where forams have broken out of dolo.
230-242		"	"
242-1770	N.S.		

1770-80	60% Lt Tan, micro, slightly vuggy, hard dolo	40% Lt tan, slightly vuggy, hard dolo
1780-90	100% " " some lenses with remaining in the dolo	
1790-00	" " but vfg	
1800-10	" "	
1850-00	" "	
1900-10	" " less vuggy the lenses visible	
1950-60	100% Lt Tan, vfg, hard dolo w/ some rhombs visible	In wh, soft syp, vhtsy ls w/ black spaces
1980-90	" "	" "
1970-00	95% Lt tan, vfg, hard dolo w/ some appiferous areas	5% wh, soft, micro, ind, ls
2000-10	95% Lt tan, vfg, hard, appiferous dolo	" "
2050-60	100% " " Also some loose appiferous dolo is not as tight as the pure dolo in these samples	In wh, soft, micro, ind, ls
2100-10	" " some appiferous breaking out of dolo	
2110-20	" "	
2120-30	" "	
2130-40	80% Lt tan, vfg, hard, tight dolo, somewhat appiferous	20% Lt tan, vfg, appiferous dolo as above
2140-50	90% br, syp, hard, slightly vuggy, dolo, somewhat appiferous	10% " "

2150-50	60% bg, fgn, hand, vuggy dol	10% wh tan, vfgn, syp, forams dol	30% wh, soft ch
2160-70	40% "	"	50% "
2170-80	20% "	"	70% " w/ some forams
2180-90	45% "	5% "	50% "
2190-00	45% "	5% "	30% "
2200-10	60% "		40% "
2210-20	5% "	Tn, "	95% "
2230-60	5% "		95% "
2300-10	100% wh, soft ch, some grains partially replaced by evh, dol, also some forams		
2330-40	"	also some syp replacement of ch	
2340-50	90% "	10% bg, subhedral, syp	
2350-60	20% "	80% tan fgn, friable, slightly ch, dol	
2360-70	40% "	60% "	
2370-80	60% "	40% "	Tn, bg, evh, syp
2380-90	10% "	90% tan bg mgn, hand, dol, slightly ch	
2390-00	80% "	70% "	"
2400-10	35% "	50% "	
	15% wh tan, settled, soft ls		
2410-20	60% bn-tan fgn, friable dol	10% wh ch	30% ax+wh not needed, ind ls
2430-60	60% "	"	10% " Tn, syp
2460-90	"	"	"
2490-00	15% " creamy-tan-bn	5% "	20% " Tn, ax, dol & syp

(\* 2490-2540 should be chalk but samples show dolomite.)  
log as chalk!

2500-10	5% soft, wh ch	15% gray wh mottled, hand ls, micro	5% creamy, crypt, hand dolo
2550-00	70% "	20% micro, gray wh mottled, hand ls	5% soft, wh ch
2600-70	70% "	5% wh-ultra, crypt, hand, light slightly vuggy dolo	
2610-20	20% wh, ind, partially down ch	5% gray wh, mottled, hand ls	Tr. qtz, Ines.
2620-30	5% "	Tr. qtz	75% tan-br f-g hand, dolo
2630-40	20% "	10% "	85% "
2640-50	25% "	5% "	15% "
2650-60	20% "	5% "	45% "
2660-70	10% "	5% "	70% "
2670-80	Tr. "	5% "	same qtziferous grains also f-mgr
2680-90	5% "	5% "	20% wh-creamy
2690-00	Tr. ch	Tr. qtz, Ines.	50% "
2700-10	25% f-mgr, br, hand, qtziferous dolo	5% wh, soft, partially down ch	
		70% micro-crypt, creamy-wh, hand, qtziferous dolo	
		Tr. qtz, calc sh & gray wh mottled, ind ls	

2710-20	20% gy, soft, calc. sh 5% forams, Inos.	15% br, fgy, hard, gypsiferous dolo	15% wh, soft ch
2720-30	SAME (2710-20)		
2730-50	N. S.		
2750-60	10% gy, soft, calc. sh	40% wh, soft ch	15% Inoceramus fms
	10% lt br-tan, fgy, gypsiferous, hard dolo	20% creamy-wh, crypto-micro, gypsiferous, hard dolo	5% loose, opaque, subtidal gyp
2760-70	15% gy, soft, calc. sh	65% wh, soft ch	10% Inoceramus fms
	5% lt br-tan, fgy, gypsiferous, hard dolo	5% loose, opaque, sub. gyp	
2770-90	N. S.		
2790-00	20% wh, gy, settled, ind l s, micro	40% lt br-tan, fgy, hard, tight dolo	40% wh-creamy, crypto-micro, hard dolo
			Tr. forams
2800-10	20% ls as above	15% wh, soft ch	35% crypto dolo as above
			30% fgy dolo as above
2810-20	5% "	25% "	35% "
			30% "
2850-60	Tr. " & ty sh	40% "	20% "
			40% "
	Suddenly to this		
2900-10	30% "	35% "	30% " somewhat
			very
2910-20	40% soft sub, partially dolomit. ch	30% "	30% "
2920-30	60% "	25% "	15% "
			slightly gypsiferous
2930-50	N. S.		
2950-60	55% "	25% "	15% "
	5% brownish-red calc, mud		
2960-3070	N. S.		



3020-30 | 20% wh, soft ch | 10% qtz + wh, sorted, ind ls | 30% brn - Tan, fgn, hard, tight  
5% forams | 35% wh, micro-crypto, hard app- | dol  
5% forams, dol

3030-40 | 15% ch | 10% ls | 35% " | 40% "  
3040-50 | 25% " | " | " | 30% "  
3050-60 | N, S,

3050-110 | 95% ult, qtz, ind ch w/ euh dolon rhombs | In qtz sh app, forams, crypto  
fgn dol

3070-3150 | N, S,

3150-60 | 45% ult, qtz, ind ch w/ euh dolon rhombs | "

3160-3220 | N, S,

3220-30 | 5% ltay, soft, calc sh | 50% wh-ult, qtz, ind ch | 5% inoceramus fms  
micro-crypto, hard dol | 35% wh-creamy, micro-crypto, hard dol

3230-40 | 20% wh-ult, qtz, ind ch | 5% brn, fgn, hard dol | 75% wh-creamy, crypto, hard  
slightly vuggy, dol, slightly  
appiferous

3240-50 | 10% hard, brq, calc sh | 5% " | 30% "  
55% wh-ult, qtz, ind, micro ls

3250-80 | N, S,

3260-90 | 40% <sup>wh</sup>ltay, hard, ch | 5% soft, qtz, calc sh | 45% "  
10% brn, fgn, hard dol

3270-00 | 20% ch | 10% " | 70% "

3300-10 | 25% " | 10% " | 65% " | Not appif  
forams

3310-20	30% medgy, highly Ang. ls, hard w/ lenses, streaks of gyp		
	30% ultgy, ind, ch		
	30% wh-creamy, crypt, hard, dolo		5% ultgy, soft calc. sh, fossil
3320-30	SAME (3310-20)		
3330-40	40% medgy, highly Ang. ls, hard w/ lenses & streaks of gyp		
	60% wh-ultgy, ind ch w/ some wh dolo in ls		
3340-50	"	"	
3350-60	"	"	
3350-00	50% "	50% "	
3400-10	"	"	
3410-20	"	"	
3420-30	"	"	
3430-40	40% "	60% "	
3440-50	60% "	40% "	
3450-60	70% "	30% "	
3500-10	40% "	60% wh-ultgy, ind, micro ls, partially dolomit	Tr. dkgy, calc, soft sh
	↑ (Goes to this at 3420-00)		
3510-20	30% "	70% "	Tr. dkgy, calc, soft sh
3520-30	50% "	50% "	"
3530-40	50% "	45% "	5% "
3540-50	30% brgy, hard, calc, siltstone	30% "	20% "
	5% greenishgy, soft, calc sh	15% wh-creamy, crypt, hard dolo	
3550-60	10% soft calc, greenish-gy sh	10% wh, crypt, hard dolo	
	20% ultgy, partially dolomit, hard, micro ls	50% brgy, hard, calc, siltstone	

3560-70	15% greenish qtz sh	45% ult. qtz ls	60% brgy coarse sh
3570-80	"	30% "	30% "
	10% dk qtz, soft calc sh	15% wh, crypto, hard dol	
3580-90	30% wh, crypto, hard dol	20% greenish qtz, soft calc sh	
	50% br-brgy, soft calc coarse sh		
3590-00	80% G-frag, <sup>multicol.</sup> qtz sand	50% qtz, soft calc sh	10% brgy, soft calc coarse sh
	5% pyrite	10% wh, crypto, hard dol	5% ult. qtz, micro, partially dolomit
3600-10	40% qtz, soft calc sh	40% G-frag, qtz sand	5% pyrite
	5% brgy, soft calc coarse sh		10% wh, micro, hard ls
3610-20	45% qtz, soft calc sh	45% G-frag, qtz sand	5% brgy coarse sh
3620-30	60% "	45% "	5% wh, micro, hard ls
			5% "
		5% pyrite	
3630-40	70% "	10% "	10% "
3640-50	80% "	40% "	5% "
3650-60	10% "	90% "	5% "
3660-70	5% "	80% "	Tr. pyr
			5% wh, crypto, hard dol
3670-80	10% "	70% "	Tr. pyr
3680-90	20% "	55% "	Tr. pyr
3690-00	30% "	55% "	Tr. pyr
3700-10	30% "	45% "	Tr. pyr
3710-20	30% "	60% "	"
			Tr. " , apple green calc, sh
3720-30	20% "	75% "	Tr. coarse sh
			5% "

3800-10	10% red, f.m., hard, calc ss	30% ay, soft, calc sh	10% wh, hard, crypto dolo	50% multicol, c-uc, and qtz sand	Tr. red claystone	
3850-60	20% red-yellow, f-mg, hard, calc ss	25% ay, soft, calc sh	5% wh, hard, crypto dolo	50% multicol, c-uc, and qtz sand	Tr. red claystone	
3860-20	20% "	50% "	30% "		Tr. wh dolo, red claystone, Apple green sh, coarse, heavy sh	
3870-80	5% "	5% yellow-green clay	5% red claystone	80% lt ay, soft, calc sh	5% multicol, c-uc, and qtz sand	
3880-20	5% ss	5% yellow clay	5% red clay	5% sand	70% lt ay, calc sh	10% coarse med gy, calc sh
3890-00	15% f-mg, wh-yellow-red, calc ss	15% multicol, c-uc, and qtz sand	5% "	5% red clay	Tr. pyx, yellow clay	60% lt ay, soft, calc sh
3900-10	10% "	5% "	"	10% c-uc qtz	65% "	10% "
3910-20	15% "	"	"	20% "	50% "	"
3920-30	5% "	10% "	"	55% "	25% "	5% "
3930-40	5% wh, crypto, hard dolo	Tr. pyx	70% "	20% "	5% "	"
3940-50	5% "	Tr. pyx, coarse, green sh	70% "	20% "	5% "	"
3950-60	25% lt-med ay, soft, calc sh	15% wh, hard, crypto dolo	10% wh-yellow-red, f-mg	5% lt ay, calc, soft clay	Tr. pyx, red clay	calc ss
		45% multicol, c-uc, and qtz sand				
3910-70	25% lt-med ay, soft, calc sh	15% wh dolo	10% wh, ind ls w/black specks	Tr. green sh, wh f-mg ss	50% multicol, c-uc, and qtz sand	

3970-80 | 5% medgy, coarse, calc sh | 15% lt med, calc, soft sh | 5% wh-red-yellow, Ggy  
 5% green, soft calc sh | 5% red clay | Calc ss  
 5% wh, hard, crypto dolo | 10% multi col, conglate sand

3980-90 | Same (3970-80) but no red clay & 45% of 2 sand

3990-00 | 45% multi col, conglate sand | Tr. wh dolo, micro wh ls, wh ss, pyrrgy sh

4000-10 | 5% medgy, coarse, calc sh | 5% lt, calc sh | 85% fine sand  
 In red clay green sh, wh ss

4010-20 | 10% coarse sh | 10% lt, calc sh | 25% fine, wh-yellow-red, calc ss | 55% conglate sand  
 4% 2 sand

4020-30 | 25% lt, calc sh | 80% red, calc clay | 10% red-wh-yellow, fine calc ss  
 20% yellow br clay | 15% conglate sand

4030-40 | 10% lt, calc sh | 10% conglate sand | 80% red-reddish by calc clay

4040-50 | 20% lt, calc sh | 70% red-reddish by calc clay | 10% wh clay  
 In. very hard, arg, red ls  
 Conglate sand

4050-60 | 10% lt, calc sh | 10% conglate sand | 80% red-reddish by calc clay

4060-70 | 30% " | 15% " | 55% " | In green sh, wh ss

4070-80 | 25% " | 20% " | 55% red-brn | "

4080-90 | 10% " | 30% yellow green, medgy, calc sand | 50% " | 10% yellow green,  
 crypto hard, dolo

4090-00 | " | " | " | "

4100-10 | 5% " | 20% " | 75% " | Tr. "

4110-20 | " | 10% clean yellow " | 85% " | "

4120-30 | 10% " | 25% " | 65% " | "

4130-40 | 5% " | 30% " | 60% " | 5% "

4140-50 | 10% " | 20% " | 70% " | Tr. "

4150-60	13% qy, soft, calc sh	60% yellow-clay, vc-mgr, gtz sand	5% wh, crypto, hard dolo
		↳ 20% red-br calc clay	
4160-70	5% "	70% "	" "
4170-80	10% "	Multicol 50% "	40% " Tr, "
4180-90	15% "	Multicol 85% "	10% red-br-green-wh, hard, crypto dolo
4190-00	Tr, "	95% "	Tr, " <sup>Amg</sup> Tr, red, micr ls Tr, "
4200-10	"	95% "	" <sup>Amg</sup> Tr, red, micr, hard ls "
4210-20	"	95% "	Tr, " Tr, fgn, red, calc ss
4220-30	"	90% "	5% " 5% multicol, crypto, hard dolo
4220-40	45% red, calc clay	30% "	25% green-br, calc clay
4240-50	50% "	30% c-vc, "	20% " Tr, ay sh, wh fgn ss, mgr
4250-60	45% "	25% vc-mgr	10% " 5% qy, calc sh 5% wh, ind, micr ls 5% wh, red, fgn, calc ss
4260-70	15% qy, soft, calc sh	10% wh-red, fgn, calc ss	5% qy green, calc, soft sh 30% multicol, vc-vc, gtz sand 5% multicol, crypto dolo 35% red, calc clay
4270-80	5% qy sh	60% gtz sand	5% " 30% "
4280-90	15% "	10% qy green, calc sh	20% gtz sand 45% "
4290-00	80% qy, soft, calc sh	15% multicol, fgn, calc ss	30% multicol, vc-mgr, gtz sand 15% red, calc clay 5% wh, ind, micr ls
4300-10	30% qy, soft, calc sh	5% multicol, fgn, calc ss	20% c, multicol, gtz sand 45% red, calc clay

4310-20	25% gy-green, soft, calc sh	10% c <sub>1</sub> multicol, v-f, qtz sand	5% fgn, red, calc
	60% red, calc clay		SS
4320-30	N.S.		
4330-40	20% gy-green, soft, calc sh	25% c <sub>1</sub> multicol, qtz sand	5% multicol, crypto, hand dol
	50% red, calc clay		
4340-50	20% gy sh	60% "	20% "
4350-60	25% "	20% "	5% "
			30% v-f, red, calc ss
4360-70	15% "	40% "	42% v-f "
			5% "
4370-80	20% "	25% "	30% "
			15% "
			5% wh, micro, ind ls
4380-90	20% "	40% "	40% "
4390-00	20% "	30% "	50% "
			Tr. "
4400-10	20% "	80% "	50% "
4410-20	10% "	50% "	40% "
4420-30	10% "	85% "	5% "
4430-40	20% "	40% "	30% "
			10% v-f, qtz, wh, calc ss
4440-50	10% "	90% "	Tr. "
			Tr. "
4450-60	15% "	60% multicol, v-f, qtz, calc ss	25% wh, micro, hand dol (dol is 20% norm of multicol ss)
4460-70	Tr. "	15% "	10% "
			75% red, calc clay
4470-80	5% "	45% "	50% multicol "
			Tr. "
4480-90	"	30% "	25% "
			40% "
4490-00	Tr. "	Tr. "	50% v-f, qtz sand
			5% "
4500-10	15% "	30% "	25% "
			30% "
			v-f, fgn

4510-20	20% multicol, vf-fgn, calc ss <sup>dolite matrix</sup> (25% ay, calc sh)			50
	(45% red, calc clay)			
4520-30	30% "	70% "	20% "	30
4530-40	65% "	30% "	20% "	65
4540-50	15% "	70% "	15% "	15
4550-60	40% "	50% "	25% "	40
4560-70	25% "	20% "	5% "	50% br clay
4570-80	20% "	"	20% "	40% "
4580-90	20% "	30% "	15% "	"
4590-00	25% "	35% "	20% "	20%
4600-10	45%	25% "	5% minerals	20% "
	incl, wh			5%
4610-20	65%	10% "	10% "	15% "
				Tr. conAMS
4620-30	20% "	40% "	5% "	30% "
4630-40	5% "	50% "	Tr. "	10% "
				35% br clay
4640-50	30% "	25% "	Tr. "	40% "
4650-60	15% "	10% "	"	10% "
				20% "
4660-70	50% "	20% "	"	5% "
				20% "
4670-80	55% "	10% "	Tr. "	5% "
				45% "
4680-90	45% "	30% "	"	10% "
				10% "
4690-00	35% "	30% "	5% "	15% "
				10% "
4700-10	35% "	30% "	5% "	20% "
				10% "
4710-20	25% "	50% "	"	20% "
				5% "
4720-30	30% "	50% "	Tr. "	5% "
				15% "



4730-40 | 10% ay, soft, calc. sh | 5% multicol, soft, calc. ss w/ delta matrix  
 | 30% C-5, multicol, rd, fine sand | 20% red clay | 5% br clay

4740-50	10% "	50% "	30% "	"	Tr. "
4750-60	5% "	25% "	15% "	40% "	16% "
4760-70	10% "	10% "	50% "	15% "	15% "
4770-80	5% "	20% "	20% "	25% "	20% "
4780-90	Tr. "	20% "	40% "	20% "	20% "
4790-00	Tr. "	20% "	30% "	20% "	30% "
4800-10		25% "	25% "	20% "	20% "
4810-20	Tr. "	30% "	20% "	25% "	15% "
4820-30	5% "	20% "	20% "	30% "	20% "
4830-40	5% "	40% "	10% "	35% "	10% "
4840-50	15% "	30% "	10% "	20% "	25% "
4850-60	20% "	10% "	25% "	25% "	20% "
4860-70	5% "	30% "	5% "	30% "	30% "
4870-80	15% "	20% "	10% "	50% "	5% "
4880-90	20% "	20% "	10% "	40% "	10% "
4890-00	15% "	10% "	25% "	30% "	20% "
4900-10	15% "	10% "	15% "	40% "	20% "
4910-20	15% "		30% "	50% "	5% "
4920-30	Tr. "	10% "	30% "	50% "	Tr. "
4930-40	Tr. "		25% "	60% "	5% "
4940-50			35% "	65% "	
4950-60			30% "	70% "	
4960-70			35% "	45% "	

4970-80	35% "	f-ut <sub>95</sub> multicol, calc ss w/dolite matrix			2.5% "
		65% red calc clay			
4980-90	25% "	50% "			2.5% "
4990-00	50% "	20% "			30% "
5000-10	30% "	40% "			30% "
5010-20	30% "	45% "	10% br clay		15% "
5020-30	25% "	55% "	10% "		10% "
5030-40	25% "	55% "	15% "		5% "
5040-50	25% "	45% "			30% "
5050-60	35% "	35% "	6% "		25% "
5060-70	5% "	45% "			5% "
	non calc				
5070-80	45% "	30% "	10% "		15% "
5080-90	50% "	30% "	10% "		10% "
5090-00	30% "	45% "	10% "		15% "
5100-04	35% "	50% "	5% "		10% "

P97

OWNER: Sun Oil Company  
 FARM NAME: P. C. Crapps "A" No. 1 (Permit No. 97)  
 LOCATION: Sec. 36, T8S, R10E, Center NW/4, NE/4, 3 miles NW of Hines  
 COUNTY: Dixie  
 ELEVATION: 41.2' DF  
 STARTED: January 25, 1949  
 COMPLETED: March 6, 1949  
 CASING: 24" at 20'; 16" at 33'; 7-5/8" at 1665' w/100 sks.  
 DEPTH: 5104' - dry hold  
 DRILLER: Fields and Randall Drilling Company  
 USE: Test for oil  
 REMARKS: 91 samples, from 1770 to 2680' were received by J. C. Simpson from Dr. Louise Jordan on February 16, 1949. 129 cuttings from 15 to 4040' were received from Dr. Louise Jordan, Sun Oil Co., March 2, 1949. 111 cuttings from 3800 to 5104' and 18 cores from No. 1 at 3173-3178 to No. 20 at 3659-3665', were received from Dr. Louise Jordan, March 8, 1949. Schlumberger from 40-5103'.

0-20	Sand and clay with lime at 18'
20-1589	Lime and hard lime
1589-1726	Lime and sand
1726-2197	Lime
2197-2620	Lime and chalk
2620-2820	Chalk
2820-2876	Chalk and shale
2878-3234	Chalk
3234-3287	Chalk and shale
3287-3296	Chalk
3296-3513	Chalk and shale
3513-3576	Shale
3576-4114	Shale and sand
4114-4293	Sand
4293-4379	Sand and shale
4379-4409	Sandy shale
4409-4438	Sand and shale
4438-4500	Sand
4500-4511	Sandy shale
4511-4567	Sand and shale
4567-4610	Clay and lime
4610-4987	Shale
4987-5034	Shale and sand
5034-5052	Shale
5052-5078	Shale and sand
5078-5095	Shale
5095-5104	Shale and sand

COMPANY : Sun Oil Company  
WELL : P. C. Crapps  
LOCATION : Sec. 36, T8S, R10E

COUNTY : Dixie  
ELEVATION : 41.2 DF  
DEPTH : 5103  
COMPLETED : 3-5-49

REMARKS : Samples incomplete, Electric  
Log available

CHEN 1963

0	20	MIOCENE AND YOUNGER
20	200	OCALA GROUP
200	470	AVON PARK LIMESTONE
470	1070	LAKE CITY LIMESTONE
1070	1560	OLDSMAN LIMESTONE
1560	1785	CEDAR KEYS LIMESTONE
1785		UPPER CRETACEOUS (LAWSON LIMESTONE)
0	20	MIOCENE AND YOUNGER
20	110	Fossiliferous LIMESTONE
110	185	DOLOMITE
185	200	Fossiliferous LIMESTONE
200	250	DOLOMITE
250	260	Fossiliferous LIMESTONE
260	335	DOLOMITE
335	340	Fossiliferous LIMESTONE
340	345	DOLOMITE
345	360	Fossiliferous LIMESTONE

1200	1225	LIMESTONE
1225	1235	DOLOMITE
1235	1325	LIMESTONE
1325	1340	DOLOMITE, slightly gypsiferous
1340	1360	Gypsiferous (10%) DOLOMITE
1360	1385	DOLOMITE
1385	1410	Gypsiferous (10%) DOLOMITE
1410	1440	Fossiliferous LIMESTONE
1440	1455	DOLOMITE
1455	1475	DOLOMITE
1475	1500	DOLOMITE, slightly gypsiferous
1500	1570	Gypsiferous (10%) DOLOMITE
1520	1560	Gypsiferous (10%) DOLOMITE
1560	1650	DOLOMITE, microcrystalline
1650	1690	Gypsiferous (10%) DOLOMITE
1690	1700	DOLOMITE
1700	1750	Gypsiferous (10%) DOLOMITE
1750	1760	DOLOMITE
1760	1770	Gypsiferous (10%) DOLOMITE
1770	1785	DOLOMITE, microcrystalline
1785	1870	DOLOMITE, light brown to brown, pure and clean, very fine crystalline
1870	2000	DOLOMITE, very light brown, slightly gypsiferous, pure and clean with forams present
2000	2020	DOLOMITE, slightly gypsiferous

2020	2080	DOLOMITE, slightly gypsiferous
2080	2130	Gypsiferous (10%) DOLOMITE, light brown to brown
2130	2145	DOLOMITE
2145	2295	Fossiliferous LIMESTONE, very light brown to chalky with forams
2295	2310	Calcitic (20%) DOLOMITE
2310	2375	Chalky LIMESTONE
2375	2380	DOLOMITE, slightly gypsiferous
2380	2400	Chalky LIMESTONE
2400	2425	Gypsiferous (10%) DOLOMITE
2425	2440	Chalky LIMESTONE
2440	2450	Gypsiferous (10%) DOLOMITE
2450	2470	Chalky LIMESTONE
2470	2475	DOLOMITE
2475	2565	Chalky LIMESTONE

FLORIDA BUREAU OF GEOLOGY - LITHO LOG PRINTOUT. (PROGRAM FBG01)

W- 1863 (PERMIT NO- 97).  
 DX. CO. T08S R10E SEC 36AB  
 TOTAL DEPTH- FT. ELEV.- 41FT. 91 SAMPLES- N W  
 COMPLETED- 49.03.06 15- 292 FT.

WELL NAME-  
 P.C. CRAPPS A NO.1, SUN OIL CO. (FIELDS AND RANDALL DRILLING CO.)

REMARKS-  
 WORKED BY NEIL COOK, JAN. 24, 1975

0-18 SAND AND CLAY  
 18-110 CRYSTAL RIVER  
 110-180 POSSIBLY AVON PARK  
 180-292 AVON PARK  
 FIRST DOLOMITE AT 110 FT.

The term silic cmt. should be replaced by spar cmt. in the limestone and dolomite lithologies.

LITHOLOGIC LOG

W- 1863. DX CO. T08S, R10E, SEC 36AB

15.0 NO SAMPLE,  
 18.0 CLAY CMT, YL GY, 03 PERCENT POROSITY-INTERGRAN, MOD IND,  
 CLAY CMT, 10 PCT. SAND(QTZ),CALCAREUS,NO FOSSIL,  
 20.0 NO SAMPLE,  
 30.0 LIMESTONE, YL GY, 02 PERCENT POROSITY-INTERGRAN, LOW PERM,  
 GRAINTYPE- MICRITE, 60 PCT. ALLOCHEMS,SIZE- V F, RANGE-  
 V F-MICR, GOOD IND, MICRT CMT, FORAMINIF,  
 OPERCULINOIDES SP.  
 40.0 LIMESTONE, LT GY, 03 PERCENT POROSITY-INTERGRAN, GRAINTYPE-  
 MICRITE, 60 PCT. ALLOCHEMS,SIZE- V F, RANGE- V F-MICR,  
 GOOD IND, MICRT CMT, SILIC CMT, SPECKLED, ORGANICS  
 50.0 LIMESTONE, YL GY, 05 PERCENT POROSITY-INTERGRAN, GRAINTYPE-  
 MICRITE, BIOGENIC, SKELETAL, 70 PCT. ALLOCHEMS,SIZE- V F,  
 RANGE- V F-FINE, GOOD IND, MICRT CMT, FORAMINIF, FOSS FRAG,  
 60.0 CALCAREN, YL GY, 05 PERCENT POROSITY-INTERGRAN, GRAINTYPE-  
 BIOGENIC, SKELETAL, 75 PCT. ALLOCHEMS,SIZE- V F, RANGE-  
 V F-FINE, GOOD IND, MICRT CMT, FORAMINIF,  
 70.0 AS ABOVE,  
 80.0 AS ABOVE,  
 90.0 CALCAREN, YL GY, 05 PERCENT POROSITY-INTERGRAN, GRAINTYPE-  
 BIOGENIC, SKELETAL, 80 PCT. ALLOCHEMS,SIZE-FINE, RANGE-  
 FINE- V F, MOD IND, MICRT CMT, FORAMINIF,  
 100.0 CALCAREN, YL GY, 05 PERCENT POROSITY-INTERGRAN, GRAINTYPE-  
 BIOGENIC, SKELETAL, 80 PCT. ALLOCHEMS,SIZE-FINE, RANGE-  
 FINE- V F, GOOD IND, MICRT CMT, SILIC CMT, FORAMINIF,  
 110.0 AS ABOVE,  
 120.0 DOLOSTONE, YL GY, 05 PERCENT POROSITY-INTERGRAN, 50-90 PCT.  
 ALTERED, EUHEDRAL,SIZE-FINE, RANGE- FINE- V F, GOOD IND,  
 DOLOM CMT, NO FOSSIL,  
 130.0 AS ABOVE,  
 140.0 DOLOSTONE, YL GY, 05 PERCENT POROSITY-INTERGRAN, 50-90 PCT.  
 ALTERED, EUHEDRAL,SIZE-FINE, RANGE- FINE- V F, MOD IND,  
 DOLOM CMT, 10 PCT. LIMESTONE, NO FOSSIL,

LITHOLOGIC LOG

W- 1863. DX CO. T08S, R10E, SEC 36AB

150.0 DOLOSTONE, YL GY, 05 PERCENT POROSITY-INTERGRAN, 50-90 PCT.  
 ALTERED, EUHEDRAL,SIZE-FINE, RANGE- FINE- V F, MOD IND,  
 DOLOM CMT, 35 PCT. LIMESTONE, FORAMINIF,  
 160.0 AS ABOVE,  
 170.0 AS ABOVE,  
 180.0 DOLOSTONE, YL GY, 05 PERCENT POROSITY-INTERGRAN, 50-90 PCT.  
 ALTERED, EUHEDRAL,SIZE-FINE, RANGE- FINE- V F, MOD IND,  
 DOLOM CMT, 10 PCT. LIMESTONE, NO FOSSIL,  
 190.0 DOLOSTONE, GY BR, 04 PERCENT POROSITY- P P VUGS, 50-90 PCT.  
 ALTERED, ANHEDRAL,SIZE- V F, RANGE- V F-MICR, MOD IND,  
 DOLOM CMT, ORGANICS,  
 200.0 AS ABOVE,  
 210.0 AS ABOVE,

220.0 AS ABOVE ;  
235.0 DOLOSTONE ; GY BR, 08 PERCENT POROSITY- P P VUGS, 50-90 PCT.  
ALTERED ; ANHEDRAL, SIZE- V F, RANGE- V F-MICR, MOD IND,  
DOLOM CMT, ORGANICS ;  
DOLIMITIZED DICTYCONUS SP.  
240.0 AS ABOVE ;  
250.0 DOLOSTONE ; GY BR, 05 PERCENT POROSITY- P P VUGS, 50-90 PCT.  
ALTERED ; ANHEDRAL, SIZE- V F, RANGE- V F-MICR, POOR IND,  
MICRT CMT, DOLOM CMT, ORGANICS ;  
260.0 AS ABOVE ;  
270.0 NO SAMPLE ;  
280.0 DOLOSTONE ; GY BR, 03 PERCENT POROSITY- INTERGRAN, 50-90 PCT.  
ALTERED ; ANHEDRAL, SIZE- V F, RANGE- V F-MICR, MOD IND,  
DOLOM CMT, NO FOSSIL ;  
292.0 AS ABOVE ;  
TO

\*\*\* END OF DATA \*\*\*