W-10,093
Humble Oil & Refining Company
Core Test #6 Babcock Florida Company
NENE sec 1, T42S R26E
Charlotte County, Telegraph Swamp Quad
GL: ±35' TD: 955'

Cuttings are available from the Florida Geological Survey cuttings library in Tallahassee. Brief lith log by R.S. Caughey in July 1999.

Depth in feet below GL	DESCRIPTION
GL-10	Loose Qz sand, vf-f-m, ang-subrnd, most are f & subrnd-subang, v faint yel brn FeOx stain.
10-20	Shell bed & 10% loose Qz sand, f-m-vf, subang-subrnd, no FeOx stain.
20-30	Ss, dirty wh, calc, fos-v fos, v sltly phos, some is moldic; 5% Ls, dk yel orange, stgly rexal, v fos/moldic.
30-40	Ls, dk yel orange, vf-fg, v fos/moldic, sltly dolomitic, stgly rexal.
40-50	Siltstone, greenish gray, calc, v clayey, v sltly sdy(vf), trace phos, com-abundant minute forams(?)/diatoms(?); 5-10% Ls, dk yel orange as above.
50-60	As above, more clay, only sltly calc, much fewer forams/diatoms(?).
60-70	As above, more clay, v sltly calc, color now olive gray & pale yel brn.
70-80	Ls, dirty wh, fg, v fos/moldic; 5% siltstone, lt olive gray, calc, clayey, v phos; 10% dolomitic crust(?).
80-90	Ls, wh, fg, fos, some moldic, some modly rexal, some 'chalky'.
90-100	Ls, wh, v pale orange, v fos-fos, v moldic, modly to stgly rexal, porous.
100-110	Ls, wh, vf xln, subhedral/euhedral calcite(possibly minor dolomite), no Qz sand, no phos, no fos; some Ls/fos as above.
110-120	(small sample)Ls as above, with 5-10% loose Qz sand, vf-f, ang-subang.
120-130	Ls, wh, fg, 'chalky', sltly sdy, sltly moldic, fos; some Ls as above.
130-140	Ls, wh-dirty wh, fg, sdy-v sdy, sltly phos, fos-v fos, moldic; some 'chalky' Ls as above.

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Depth in feet below GL	DESCRIPTION
140-150	Largely loose Qz sand, vf-f-m-minor c, ang-rnd, most is f-vf, ang-subrnd, minor bl phos grs; common Ls as above & loose fos debris.
150-160	Siltstone, grayish red, grayish olive, v clayey, sltly calc(gray red) to calc(gray olive), carries ±½% bl, brn bl phos grs, grns, fos frags.
160-170	As above, with 10% Ls, wh, sdy, phos, fos, mollusk shell frags.
170-180	As above, more grayish red then grayish olive, sltly more phos as grs.
180-190	Entirely phos material as vf-f-m-some coarse, brn, brn bl, minor bl grs & fos debris(most is vf-f size), includes vertebrate, shark teeth, fish teeth.
190-200	65% Loose phos material as above; 35% siltstone, grayish red, v phos, some is dolomitic.
200-210	As above, with minor Ls, wh, fg, mollusks.
210-220	50% Ls, wh, fg, sdy, phos, fos, encrusting & a few cheilostome bryozoan, mollusks; 50% dolomitic phos crust, includes some dol/phos fossils of bryozoan & unidentifiable.
220-230	70% Ls, wh, fg, v fos, sdy, phos, encrusting/cheilostome bryozoan; 30% loose phos grs, grns, fos frags & common dol/phos crust; minor phos Dol, grayish brn, f xln, euhedral, porous.
230-240	Dolosilt, grayish olive, grayish red, clayey, sltly phos; minor Dol, vf xln, euhedral.
240-250	Almost eitirely phos material as vf-f-m, brn, brn bl, bl grs & fos debris; some dolosilt, v phos(phos material as just described), poorly consolidated.
250-260	Ls, wh, vf-fg, 'chalky', phos, sltly sdy, fos-v fos, mollusks, gastropods, echinoid spines.
260-270	Ls/fos as above, now most is wkly to modly rexal & 2-4% is totally dolomitized by yel wh, vf xls.
270-280	Marl(?), yel wh-yel gray, sdy, phos, dolomitic, mollusks, echinoid spines, cheilostome bryozoan; overall phos @ 2-4% as small bl, some brn, grs & fos frags.

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Depth in feet below GL	DESCRIPTION
280-290	Marl & marly Ls, yel wh, poorly consolidated, v dolomitic, v phos-phos, fos, mollusks, echinoid spines, some cheilostome bryozoan; phos material @ 5-15% as grs, grns, fos frags, some phos crust; minor Dol, yel wh, vf xln, sucrosic.
290-300	As above, now some Ls appears to be sltly clayey & a brn yellow.
300-310	Ls/marl as @ 280-290', sltly more consolidated.
310-320	Dolosilt, lt olive gray, phos, sltly clayey.
320-330	60±% Dol, yel gray-grayish yel, f-vf-m xln, subhedral/ euhedral/anhedral, commonly moldic(fos impressions) & phos; 30-35% dol phos crust; 5% loose phos grs, grns, fos frags.
330-340	Dol, yel gray, vf xln, euhedral, sucrosic, phos-sltly phos.
340-350	100% Dol, yel gray, some grayish brn, f xln, euhedral, sltly phos to phos.
350-360	40% Dol as above; 60% Ls, wh, v lt gray, vfg-micritic, sltly phos, moldic/fos, mollusks, bryozoan, Sorites present; some-common med xln calcite.
360-370	Ls/fos as above; minor Dol as above; less calcite than above.
370-380	As above.
380-390	Ls/fos as above, a few crab claws, overall sltly more phos, Qz sand & calcite than above; some Dol as above.
390-400	As above; minor Dol.
400-410	As above, with 10-20% Dol, yel gray-grayish brn, sdy, phos, f-m xln, anhedral/subhedral.
410-420	Ls, wh, fg, little to no Qz sand & phos, a few large fos, some minute fos debris; common Ls & Dol as above.
420-430	Ls as above & 10-15% Dol, lt gray, med xln, subhedral/ euhedral, phos.
430-440	Ls, wh-v pale orange, fg-microgranular, little to no Qz sand, no phos, a few worm tubes(?); some Dol as above.
440-450	10% Ls as above; 10% Ls, dk yel orange, stgly rexal, v fos/ v moldic; 80% Ls, yel gray, made up of small fos debris, some Qz grs, common larger, rnd shell frags, all cemented by vf drusy calcite, overall poorly consolidated.

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Depth in feet below GL	DESCRIPTION
450-460	Ss, yel gray, med gray, grayish brn, calc-v calc, sltly phos to phos.
460-470	Ls, wh, microgranular, no Qz sand, no phos.
470-480	Ls as above, some carries mod Qz sand(f, subrnd).
480-490	Ls, wh, fg-microgranular, sdy(f, ang-subang), trace phos(as minute bl irregular specks), some mollusk shell frags, few echinoid spines, few forams(?).
490-500	Ls, wh, microgranular, minor f Qz sand, rare to no phos.
500-510	Ls, v pale orange, fg-microgranular, sdy-v sdy(f, subang-ang), rare to trace phos, a few crab claws; tr-minor Dol(euhedral) and chert(wh-lt tan).
510-520	Ls as above, somewhat more Dol, lt gray, euhedral; some Ls, grayish orange, fg, stgly rexal, moldic/fos.
520-530	Ls, wh, microgranular, sltly sdy, rare-no phos, few forams(?), some Ls is sltly 'chalky'(weathered(?)); 10-20% chert, lt tan, some is sdy; some Dol as above.
530-540	As above, chert now @ 2-4%; minor Dol, lt gray, yel gray, f xln, euhedral/subhedral.
540-550	Ls, wh, sdy-v sdy, tr-minor phos(as small bl grs), 'chalky' appearance(weathered?); minor to little Dol or chert as above.
550-560	Dol, grayish orange, f xln, subhedral/euhedral, sdy(f, subang), tr-rare phos; minor Ls, wh, fg & granular, sdy, trace phos.
560-570	Dol as above; sltly more Ls as above.
570-580	Ls, wh, fg, sdy-v sdy(f, subang-ang), sltly phos, fos, mollusks, gastropods, crab claws; minor Dol as above.
580-590	Ls/fos as above, overall more fossiliferous; 5-10% Dol, yel gray, lt gray, grayish orange, subhedral/euhedral/anhedral, sdy, trace phos.
590-600	Ls, dirty wh, vf-fg, wkly-modly rexal, some is wkly dolomitized by yel gray, f xln, subhedral/euhedral xls, little to no Qz sand(vf), no phos, some Ls is 'chalky' & with few fossils.
600-610	Dol, yel gray, vf xln, subhedral, sucrosic, little to no Qz sand(vf), no phos, no fos.

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Depth in feet below GL	DESCRIPTION
610-620	Ls, v pale orange to wh, fg, v sdy(vf-f, subang-ang), trace-minor phos, common crab claws, some-common echinoid spines & body plates, mollusks, few bryozoan, some Ls is wkly orange brn FeOx stained; minor Dol as above; 5-10% loose vf-f Qz sand.
620-630	Dol, yel wh-wh, vf xln, subhedral, sucrosic, little to no Qz sand(vf-f), rare phos.
630-640	Ls, wh, sdy to v sdy(vf-f, subang-ang), minor phos, poor to modly consolidated, some fos, mollusks; 5-10% loose Qz sand(vf-f).
640-650	Ls/Ss, wh, yel wh, lt gray, sltly phos, porous, v fos(mollusks, gastropods, echinoid spines, misc broken fos debris), grades between a v sdy Ls to a calc Ss(Qz sand is vf-f,ang-subang).
650-660	Ls, wh, v sdy, sltly phos, v fos(small fos debris), some is porous.
660-670	Ls/fos as above, porous, some v porous; minor grayish orange, v stgly rexal, porous, peloidal Ls.
670-680	Ls/fos as above.
680-690	As above.
690-700	As above, with the Qz sand & fos debris cemented by vf drusy calcite, porous(& likely permeable).
700-710	As above, some rnd shell frags; 5% Ss, lt gray-med gray, v calc, dense, Qz grs are f-m, subrnd-subang.
710-720	Ls, yel gray, v sdy, v fos(mostly small fos debris), common mollusk shell frags, some crab claws, echinoid spines, few bryozoan, sltly phos.
720-730	Ls, yel wh, yel gray, v lt gray, sdy, sltly phos, modly rexal, common f-m drusy calcite, fos, mollusks, gastropods, crab claws, Sorites present.
730-740	Ls/fos as above; more drusy calcite.
740-750	Ls/fos as above; much drusy calcite replaces fossils and Ls matrix(giving the Ls a yel wh color).
750-760	As above.
760-770	As above.

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Depth in feet below GL	DESCRIPTION
770-780	As above, calcite replaces nearly all fossils & matrix, less Qz sand & phos than above.
780-790	Ls, wh, granular, modly rexal, little to no Qz sand, rare phos(as minute bl specks), some mollusks, echinoid spines, forams(?), most Ls has a 'chalky' appearance.
790-800	As above, now modly-stgly rexal.
800-810	As above, stgly rexal, some-common echinoid spines & body plates, bryozoan, mollusks.
810-820	As above, modly rexal, overall somewhat fewer fossils.
820-830	Ls/fos as above; some Ls, wh, vfg, 'chalky'; minor Dol, wh, vf xln, subhedral/euhedral, sucrosic.
830-840	Ls, wh-yel wh, granular to peloidal, modly to stgly rexal, rare phos, no Qz sand, fos, echinoid spines, mollusks, forams(?), crab claws, fossil debris.
840-850	Ls, v similar to above, now some microgranular.
850-860	As above.
860-870	As above.
870-880	As above.
880-890	Ls/fos as above & common Ls, wh, vfg, modly rexal, fos, rare phos; 5-10% Dol, grayish brn, yel gray, vf-f xln, subhedral, some is phos; minor phos crust[RSC remark: most of the Dol & phos crust may be cavings.]
890-900	Ls/fos as @ 870-880'.
900-910	50% Ls/fos as above; 40% Ls, wh, vfg & micritic, fos, a few red algae fragments; 10% Dol, grayish orange, f xln, subhedral/anhedral/euhedral, sucrosic.
910-920	Ls, wh, microgranular, some granular, modly rexal, fos, common to numerous Lepidocyclina(med & large, thin, flat & sltly saddle shape), echinoid spines.

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Depth in feet below GL	DESCRIPTION
920-930	As above, most is microgranular.
930-940	As above, all is microgranular, abundant Lepidocyclina (most are large & sltly saddle shape, rare small, flat, thick Lep), some echinoid spines.
940-950	Ls/fos as above, a few Operculinoides.
950-955	Ls/fos as above, some Operculinoides, possible Camerina.
	Total Depth: 955'