

#136, Humble #3 Collier Corp.  
604' FSL, 2052' FWL, Sec. 34, T50SR26E  
GL 9.3' DF 21' (BelleMeade Quad)  
Spud 05/21/52 P & A 05/31/52

Brief partial lithlog of cuttings by R.S. Caughey 08/94

(Cuttings available in Ft. Myers O/G Office) 0-450' (missing 450'-550')  
550'-800', (800'-830'), 830'-1186', (1186'-1216'), 1216'-1636', (1636-  
1666'), 1666'-2400'.

- 0-1316 Not logged (see #134 lithlog, which is situated about 90' SE  
of #136).
- 1316-46 100% Fine grained, yellowish gray dolomite.
- 1346-76 White, chalky, fos Ls, some *Lepidocyclina* fragments.
- 1376-1606 Not logged.
- 1606-36 White, chalky Ls, numerous *Camerina*.
- 1636-66 Sample missing.
- 1666-1756 Largely white, chalky, granular, fos Ls, common *Camerina*, a  
few *Lep.* fragments; some Ls is mod dolomitized by vpo, dol  
rhombs in matrix; < 5% vpo, aggregates of dolomite rhombs,  
Dolomite increases to 15% with depth.
- 1756-86 V. pale orange, chalky, silty, granular, fos Ls, trace carbon-  
aceous matter; common *Camerina*, a few *Lep* fragments; rare *Dictyoconus*.
- 1786-1816 Dol/Ls as above, cones more common.
- 1816-1966 Largely Ls as above, less carbonaceous matter; some cones, common  
*Camerina*; some Dol as above.
- 1966-96 Ls as above, some Dol as above; < 5% vpo, fg dolomite.
- 1996-2026 Ls as above, some vpo, fg Dol, some lt gray fg and micritic  
dolomite; trace thinly laminated, carbonaceous, silty Ls.
- 2026-56 Ls as above, some vpo, fg Dol; some thinly lam, carbonaceous, silty Ls.
- 2056-86 Ls as above; some silty, carbonaceous Limestone, occassionally  
thinly laminated; some Dol as above.
- 2086-2146 About 50/50 vpo, chalky, granular, Ls and vpo, silty, carbon-  
aceous Ls (some carbonaceous matter may be plant remains).
- 2146-2236 Ls as above, more carbonaceous matter, some as laminations;  
a few larger flattened cones.
- 2236-66 Vpo, granular, chalky, fos Ls; trace carbonaceous matter.
- 2266-96 Ls as above, cones common, some large flattened.

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- 2296-2326 Ls as above, cones common, some large flattened; about 10-20% of Ls is mod dolomitized.
- 2326-56 Ls as above, 20-30% dolomitized; about 10-15% Dol, fg, xalline brown - dark brown; some vpo, coarsely xalline dol; carbonaceous matter more common, but minor.
- 2356-86 Ls and Dol as above, but now Dol is about 45%.
- 2386-2400 Ls and Dol as above, now about 50/50.

#136 Humble #3 Collier Corp.

SESW Sec. 34 T50SR26E

Collier County, G L 9.3' DF 21'

Spud 05/21/52 P & A 05/31/95

Brief lith description of core chips by R. S. Caughey 05/95

- 2401-02 Very pale orange, chalky, v. microfossils Ls, a few cones; pale brown, fine grained xln dolomite; common to numerous small vugs lined with euhedral dolomite, some vugs filled or partially filled with vpo, chalky Ls.
- 2402-03 Vpo, chalky, less fossils Ls, with common dolomitized laminations; pale brown, fg xln dolomite, numerous vugs, many are "pin point" type, larger ones have some euhedral dolomite.
- 2418-19 Vpo to yellowish gray, chalky, v. micro fossils Ls, one thin fracture with some open spaces, cuts vertical core axis at 20°.
- 2419-20 Vpo, slightly chalky, micro fossils Ls, with common irregular, dark yellowish-brown dolomitized laminations.
- 2420-21 Ls as above, but now 35-40% dolomitized, along irregular sub-horizontal laminations; dolomite is fg to subhedral and pale yellowish orange to clear.
- 2427-28 Vpo, part rexal, v. micro fossils Ls, common sub-horizontal laminations, replaced by mod brown dolomite; some pin point vugs.
- 2436-37 Vpo, part rexal, v. microfossils Ls, common sub-horizontal laminations, replaced by mod brown dolomite some pin point vugs.
- 2447-48 Pale brown, fg xln to subhedral dolomite, with pieces of vpo, chalky, partially dolomitized Ls floating in the dolomite; pieces of Ls are angular to sub-rounded, some are stgly dolomitized, some weakly dolomitic; no vugs.
- 2481-82 Very pale orange, chalky, v. fossils Ls, fossils are small and fragmented and are mod rexal, and have a very light gray color.
- 2482-83 Ls, as above, with one hackly microfrac that cuts vertical core axis at  $\pm 90^\circ$ .
- 2483-84 Ls as above, with numerous sub-horizontal, v. thin, brown laminations; a hackly, microfrac, parallel laminations.

- 2485-86 Ls, as above, only a few indistinct, irregular brown laminations; Ls appears to be somewhat more rexal.
- 2486-87 Yellowish gray to vpo, stgly rexal, Ls; porosity increased by rexallization, approx horizontal bedding (?)
- 2487-88 V. pale orange, chalky, v. fos, part rexal Ls.
- 2488-89 V. pale orange, chalky, v. micro fos Ls; overall more homogenous and finer grained than above.
- 2489-90 Vpo, part rexal, v.fos Ls.
- 2490-91 Ls, similar to 2488-89.
- 2491-92 Vpo, chalky, v.fos, part rexal Ls.
- 2492-93 Ls as above, two thin, near vertical fractures, one with some calcite.
- 2493-94 Ls, as above, no fractures.
- 2394-95 Ls, as above, some irregular, sub-horizontal, v. thin, brown laminations.
- 2495-96 V. light gray to yellowish gray, fg xln, anhydrite; a few dark, thin laminations cut vertical core axis at  $\pm 80^\circ$ .
- 2496-97 Yellowish gray, v. microfoss, part rexal Ls, most fos appear fragmented.
- 2497-98 V. pale orange, chalky, microfoss Ls, a few subhorizontal, irregular, thin, brown laminations.
- 2498-99 Yellowish gray to vpo, v. fos, part rexal Ls.
- 2500-01 V. pale orange, chalky, v. microfoss Ls; vague bedding planes (?) cut vertical core axis at  $\pm 70^\circ$ .
- 2501-02 V. pale orange, chalky, v. microfoss Ls; irregular, thin brown fractures; brown mineral in fracture appears to be dolomite.
- 2502-03 Vpo, chalky, v. microfoss Ls.
- 2503-04 Ls, as above.
- 2504-05 Ls, as above with a few v. thin, subhorizontal, irregular brown laminations.
- 2405-06 Ls, as above, microfoss are partially rexallized; possible bedding plane cuts vertical core axis @  $\pm 90^\circ$ .

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- 2506-07 Ls as above, but becoming granular, and planes still @  $\pm 90^\circ$  to vertical core axis.
- 2507-08 Vpo, chalky, v. microfoss Ls, a few xln irregular, thin brown laminations w/a little, xln gypsum along them; laminations cut vertical core axis at  $\pm 60^\circ$ .
- 2508-09 Vpo, chalky, v. microfoss Ls, foss are partially recrystallized.