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Hattiesburg, Mississippi  
January 20, 1958

LIBERTY COUNTY, GEORGIA  
HUMBLE OIL & REFINING CO.

CORE TEST

NO. 39 UNION BAG-CAMP PA

Orig: Fisk  
cc: Champion (2) ✓  
Fransen  
File

Worked by: ETC/pg

SUMMARY

- 0 - 120 cts - - - - - PLEISTOCENE
- 120 - 360 cts - - - - - MIOCENE
- 120 - 300 cts - - - - - Hawthorn
- 120 - 125 cts - - - - - Green shale and chert
- 300 - 360 cts - - - - - Tampa
- 345 - 350 cts - - - - - Miogypsina (?)
- 360 - 415 cts - - - - - OLIGOCENE (Suwannee)
- 360 - 365 cts - - - - - Rotalia mexicana
- 415 - 830 cts - - - - - OCALA
- 415 - 420 cts - - - - - Asterocyclina nascauensis
- 830 - 1185 cts - - - - - LAKE CITY
- 830 - 835 cts - - - - - Pliolepidina cedarkeysensis
- 1185 - 1340 cts - - - - - OLDSMAR
- 1185 - 1190 cts - - - - - Asterocyclina sp.
- 1340 - 1500 cts - - - - - WILCOX
- 1330 - 1385 cts - - - - - Asterigerina sp.

Union Bag-Camp Paper Corp. No. 39 C.T.  
Liberty County, Georgia

CORE DESCRIPTION

Spudded: 12/12/57

Completed: 12/17/57

Elevation: 21'

- 0-5 Sand and clay - organe-brown, sand very fine to fine.
- 5-75 Sand with little gravel - light brown to light gray-brown, sand fine to very coarse (Coarse downward).
- 75-95 Sand with little clay - light to med gray, sand med to coarse with some very coarse.
- 95-265 Sand with clay and very little phosphate - light to med green, sand fine to med with very little coarse.
- 265-295 Sand with little clay and very few shells - light green, sand fine to med with some coarse.
- 295-300 No returns or lost sample.
- 300-345 Sand with lime and very little clay and few shells and little phosphate - light gray to white, sand.
- 345-350 Same as 300-345 but with abundant phosphate.
- 350-415 Sand with lime and few shells and phosphate - sand fine to coarse, lime sandy, phosphate abundant 380-390 and 395-400.
- 415-485 Lime with shells and little sand and phosphate, sand med with some fine and some coarse.
- 485-495 Same as 350-415.
- 495-500 Sand with lime and shells and gravel - sand coarse to very coarse.
- 500-1355 Lime with sand (sand becomes less abundant downward) and shells and phosphate - sand fine to med with some coarse.
- 1355-1390 Lime with little sand and shells and phosphate and glauconite - sand fine to med with some coarse.
- 1390-1505 Lime with shells and little sand and phosphate - sand fine to med with some coarse.

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UNION BAG-CAMP PAPER CORP.

L18-6

- 0 - 630 cts      Samples not examined in detail
- 630 - 775 cts      White, soft, porous, coquinoid limestone; bryozoa; fine to coarse, gray sand; phosphate pebbles.  
Asterocyclina nassauensis  
Lepidocyclina occidua  
Operculinoides sp.  
Discocyclina flintensis
- 665 - 670 cts      Gyrosina globula
- 675 - 680 cts      Operculinoides spp.
- 700 - 705 cts      Asterocyclina mariannensis  
Lepidocyclina cf. L. pusulosa
- 775 - 790 cts      Mostly lime and sand as above; some tan, sugary, slightly glauconitic, fine crystalline dolomite.
- 790 - 845 cts      Traces of white, soft, porous, slightly glauconitic, coquinoid limestone; lime and sand as above; traces of tan, firm, limy, crystalline dolomite.
- 800 - 805 cts      Amhistegina pinarensis
- 830 - 835 cts      Phiolopidina cedarkovsensis
- 845 - 855 cts      White, porous, partly recrystallized, coquinoid limestone; common large forams.
- 855 - 880 cts      Cream-white, soft, porous, chalky, coquinoid limestone.
- 880 - 890 cts      Lime as above; fragments of gray-white, hard, fossiliferous, slightly glauconitic, dolomitic limestone.
- 890 - 930 cts      White, soft, porous, chalky, fossiliferous, finely dolomitic limestone; coquinoid limestone, gray sand, and phosphate pebbles as above.
- 930 - 935 cts      Gray-white, hard, slightly glauconitic, coquinoid limestone.
- 935 - 965 cts      White, hard to soft, porous, calcitic, coquinoid limestone; trace of white, soft, fine crystalline dolomite.
- 965 - 995 cts      Gray-white, hard, porous, coquinoid limestone.
- 995 - 1010 cts      White, soft, porous, chalky, recrystallized, coquinoid limestone.

L1B-6

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- 1010 - 1025 cts     White, soft, porous, chalky, slightly glauconitic, slightly dolomitic, coquinoid limestone.
- 1025 - 1175 cts     White, soft, porous, partly recrystallized, coquinoid limestone.
- 1140 - 1145 cts     Gypsum
- 1175 - 1305 cts     Same; traces of white, fine crystalline, limy, gypsiferous dolomite.
- 1185 - 1190 cts     Asterocyclina sp. (Fat)
- 1300 - 1305 cts     Cherty fragments.
- 1305 - 1320 cts     White, soft, porous, coquinoid limestone.
- 1320 - 1340 cts     Same; traces of gypsum.
- 1340 - 1360 cts     Cream, soft, chalky, fossiliferous, glauconitic, marly limestone; rare coarse glauconite.
- 1360 - 1370 cts     Pale green, soft, micaceous, glauconitic, microfossiliferous marl; ostracods; white, soft, coquinoid limestone.
- 1370 - 1380 cts     Mostly lime as above; some gray, soft, micaceous, glauconitic, calcareous shale.
- 1380 - 1400 cts     Pale green, soft, micaceous, microfossiliferous, glauconitic, slightly silty marl; white, soft, coquinoid limestone.  
Asterigerina sp.
- 1400 - 1420 cts     Same; soft gray marl.
- 1420 - 1430 cts     White, hard, porous, coquinoid limestone; trace of brown chert.
- 1430 - 1460 cts     Same; gray and pale green, soft, micaceous, glauconitic marl.
- 1460 - 1465 cts     Same; common tan chert.
- 1465 - 1500 cts     Cream, soft, chalky, micaceous, finely glauconitic, silty marl; brown chert; white lime as above.

Respectfully submitted,  
*Eleanor T. Caldwell*  
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