

DP# 39

Tallahassee, Florida  
August 17, 1954

✓ MERICA OIL CO.  
MACON COUNTY, GEORGIA

WILDCAT

NO. 1 J. F. Forehand  
Elev: 290' DF  
Loc: LL #182 - LD #1  
550' S of NL and 600' E  
of WL.

Orig: Fisk  
cc: Patton  
Fransen  
Georgia Geol. Survey  
W. A. Stone  
Nix

Worked by: KHK/ahc

S U M M A R Y

|             |           |                      |
|-------------|-----------|----------------------|
| 0 - 100     | - - - - - | No samples           |
| 100 - 340   | - - - - - | of the Paleocene     |
| 340 - 1510  | - - - - - | UPPER CRETACEOUS     |
| 340         | - - - - - | Top Upper Cretaceous |
| 520         | - - - - - | Top Eutaw            |
| 765         | - - - - - | Top Tuscaloosa       |
| 1510        | - - - - - | LOWER CRETACEOUS     |
| 2130 - 2139 | - - - - - | Skip in samples      |
| 2139 - 2140 | - - - - - | ?Shist               |

- 0-100 No samples.
- 100-140 Limestone, light gray, sandy, slightly glauconitic, slightly moldic.  
Shale, dark red, micaceous - trace.  
Shell fragments common  
Corals (small) common.
- 140-180 Sand, very coarse to coarse, white, green, pink, frosted.  
Siderite common.
- 180-190 Sand as above.  
Shale, sandy, gray, lignitic, micaceous.  
Limestone, light gray, slightly glauconitic, sandy.  
Siderite - trace.
- 190-200 Sand as above, greasy appearing.
- 200-220 Same.  
Shale, dark red, trace.
- 220-260 Same.  
Shale, dark gray, waxy.
- 260-270 Sand as above.  
Clay, pink mottled.
- 270-320 Sand, medium to fine, white, sub-angular, slightly frosted, phosphatic.  
Shale, gray, lignitic, waxy.
- 320-340 Same.  
Shale, green and gray, waxy, trace.  
Dwarf forams rare.
- 340-350 Limestone, light gray, very sandy, argillaceous.  
Shale, brown, waxy, carbonaceous.  
Shell fragments.  
Corals (small)
- 350-360 Same.  
Inoceramus prism, rare  
dwarf fauna rare  
Bolivina incrassata  
Ostracods
- 360-378 Same.  
Shale, green, sandy, trace.

- 378-379 (Core) Shale, gray, micaceous, finely sandy, fossiliferous, micaceous.  
Vaginulina webbervillensis  
Bolivina incrassata  
dwarf fauna  
Inoceramus abundant
- 379-381 (Core) Same.  
Planulina taylorensis.
- 381-386 (Core) Same.  
Globorotalia
- 386 $\frac{1}{2}$ -387 Shale, gray, coarsely sandy.  
Sand, white, coarse to fine, phosphatic, few pink grains.  
Shell fragments common  
fish teeth.
- 387-388 $\frac{1}{2}$  Shale, gray, finely sandy, fossiliferous (dwarf fauna) phosphatic.
- 388 $\frac{1}{2}$ -389 Limestone, gray, argillaceous, sandy.
- 389-391 Shale, gray, sandy.  
Sand, medium to fine, white, phosphatic.
- 391-393 Limestone, tan, very sandy, slightly dolomitic.  
Sand as above.
- 393-406 (Core) Shale, gray, very sandy, phosphatic.  
Sand, coarse to fine, white, slightly phosphatic.
- 406-430 Same.
- 430-440 Limestone, tan, dolomite, very sandy.  
Shell fragments abundant.
- 440-450 Same.  
Clay, green, waxy, slightly glauconitic, also pink.
- 450-470 Shale, dark gray, finely micaceous, finely sandy, slightly carbonaceous.
- 470-530 As above.  
Sand, coarse to fine, frosted, white.
- 530-550 Sand, coarse to fine, green and white.
- 550-610 Sand, very coarse gravel to fine, white, smoke gray, green.  
Shale, gray-green, waxy.

- 610-700 Sand as above.  
Shale, dark gray, waxy, finely micaceous, lignitic.
- 700-720 Same, sand and gray shale.  
Clay, light green, sandy.
- 720-770 Shale, gray, waxy, splintery, flaky.  
Sand as above.
- 770-820 Sandstone, fine, white, finely glauconitic, micaceous,  
Slightly argillaceous, friable.  
Shale, dark gray as above.
- 820-840 Same.  
Lignite common.
- 840-900 Same  
Shale, bright red, trace.
- 900-930 Shale, dark gray, micaceous, carbonaceous.  
Shale, green, trace.  
Siderite, pyrite and phosphate.
- 930-940 Shale as above, sandy.  
Kyphopyxa christneri.
- 940-950 Same.  
Limestone, gray, very sandy, argillaceous, trace.
- 950-990 Shale as above, sandy.  
Sandstone, fine, white, micaceous, glauconitic.
- 990-1030 Same.  
Shale, bright red, finely micaceous.
- 1030-1080 Sand, white, coarse to fine.
- 1080-1190 Sand, white, gray, few pink and orange, coarse to fine.
- 1190-1210 Skip in samples.
- 1210-1220 Sand, white, fine, slightly frosted, angular, few pink grains.  
Pyrite
- 1220-1230 Shale, gray, micaceous, carbonaceous, flaky.
- 1230-1300 Sand, coarse, white, gray, pink.
- 1300-1370 Shale, dark brown-gray, light gray, micaceous, carbonaceous,  
flaky.  
Sand, coarse, gray, white and few pink, streaks.

- 1370-1410 Sand, white, medium to fine, pink and orange.
- 1410-1430 Same.  
Shale, red, finely micaceous, mottled gray and red, waxy.
- 1430-1470 Sand as above.  
Shale, ochre, sandy.
- 1470-1490 Sand, very coarse, red, white, gray and yellow.  
Shale, mottled, dark red and gray, waxy, some ochre.
- 1490-1530 Sand, coarse to fine, white, red, yellow.
- 1530-1560 Sand as above.  
Shale, varicolored, waxy.
- 1560-1650 Same.  
Shale, gray, flaky, carbonaceous.
- 1650-1670 Limestone, gray, argillaceous, glauconitic, shell fragment inclusions.  
Sand as above, mostly.  
Shale, varicolored.
- 1670-1690 Skip in samples.
- 1690-1710 Sand, coarse to fine, white,  
Lignite.
- 1710-1780 Sand as above, orange and white.
- 1780-1790 Sand, coarse to fine, white, orange and few pink.  
Siderite.
- 1790-1810 Same.  
Shale, mottled, dark red and gray.
- 1810-1820 Bryozoa, replaced by pyrite.  
Lignite.
- 1820-1870 Shale, gray, pink, red, ochre.
- 1870-1880 Same.  
Shale, dark blue red, micaceous.
- 1880-1910 Sand, very coarse to fine, white, orange, red and yellow.
- 1910-1950 Sand, orange, coarse  
Shale, varicolored  
Lignite abundant.

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1950-2130 Sand, white and orange, coarse to fine.  
Shale, gray, carbonaceous, micaceous.

2130-2139 Skip.

2139-2140 (Core) Shist? dull red, rounded quartz grains, silica and  
green talc in fractures.

Respectfully submitted,

*Katherine H. Keene*

KATHERINE H. KEENE