

MERICA OIL COMPANY
212 RED ROCK BUILDING
ATLANTA, GEORGIA

Alpine 1050

July 14, 1954

Georgia State Oil & Gas Commission
P. O. Box 364
Waycross, Georgia

Attention: Mr. H. A. Stallings

Gentlemen:

We are inclosing herewith for your records a complete log of our No. 1 B. F. Hill well.

As soon as we have completed the next well, we will send you a log and all necessary information required by you.

Yours very truly,

MERICA OIL COMPANY

By:

Wm. A. Stone
Wm. A. Stone

WAS/jm
Encl.

*Hope we can send you a
production report on next well.*

MERICA OIL COMPANY
DOOLY COUNTY
GEORGIA

No. 1 B. F. Hill
Elev: 371'
Loc: LL #74 - LD#1
330' South of North
line, 330' East of
West line of LL #74.

No. 1 B. F. Hill

- 0-100 No samples.
- 100-200 Sand, white, iron stained.
- 120-170 Clay, cream to white.
Sand, white, polished, rounded, coarse to fine.
- 170-180 Sand, iron-stained.
- 180-190 Clay, orange and sand as above.
- 190-200 Shale, gray, sandy, slightly glauconitic, slightly pyritic, non-calcareous.
Sand, medium to fine, white, polished.
- 200-210 Shale as above, slightly carbonaceous.
- 210-220 Clay, white, kaolin.
Pyrite abundant
- 220-250 Sand, fine, white angular
Clay and sand as above.
- 250-260 Limestone, cream, glauconitic, partially recrystallized, fossiliferous.
Shale, dark gray to black, waxy.
Claystone, silicious, light gray to greenish-gray, glauconitic, slightly pyritic containing shell shadows, miliolid, concretions.
Shell fragments rare
Bryozoa rare
Coral fragments
Reef appearing limestone
- 260-270 Shale, light gray.
Limestone, gray, very sandy, glauconitic, fossiliferous.
Oyster shells common
Cibicides sp. common
Ostracod
Anomalina sp.
Dwarf fauna
Inoceramus prisms (1)
- 270-280 Shale, dark gray, waxy
Limestone, light tan, crystalline, dolomitic.
- 280-290 Limestone, light gray, argillaceous, slightly sandy, glauconitic
Eponides small
Phosphate
Shell fragments
- 290-310 Limestone, cream to light gray, coquinoid, very sandy, recrystallized, moldic.
- 310-390 Sand, gravel to fine, fractured, smoke gray and white, few pink grains, rounded.

No. 1 B. F. Hill

- 390-440 Same as above.
Shale, dark gray, finely micaceous, waxy.
- 440-470 Same.
Pyrite common
- 470-480 Same
Shale, black, waxy.
- 480-490 Sand as above.
- 490-510 Sand, coarse to medium, white,
Phosphate
- 510-520 Limestone, cream to light gray, finely sandy, fossiliferous,
moldic, recrystallized, finely glauconitic.
Shell fragments.
Brachiopod
- 520-530 Shale, gray, micaceous.
Shale, green, very glauconitic, waxy.
Bolivina increassata
Inoceramus prisms rare
- 530-550 Sand, medium to fine, white,
Shale, gray (dwarf fauna), finely sandy.
Textularia
Robulus
Cibicides
Nodosaria
Bolivina common
Shells
Inoceramus prisms rare
- 550-570 Same
Globotruncana rare
Inoceramus prisms common
Vaginulina webbervillensis
Bolivina
Robulus
Nodosaria common
Marginulina
- 570-580 Sand, coarse to fine, phosphatic.
- 580-600 Same as above.
Shale, dark gray, fossiliferous, waxy (caving?)
- 600-620 Sand as above.
Limestone, light gray, very sandy, fossiliferous, partly
recrystallized, moldic.
Shell fragments common (oysters?)
Planulina taylorensis

No. 1 B. F. Hill

- 620-630 Sand, white, fine, slightly phosphatic.
- 630-680 Same, some pink grains.
Chert, black, pyritic.
- 690-700 Same
Shale, gray waxy.
- 700-760 Sand, gravel to medium, green, smoke gray, yellow, pink,
phosphatic,
Claystone, dark brown, cherty.
- 760-770 Sand, medium, white, few pink, polished, phosphatic.
- 770-800 Sand as above.
Shale, gray, waxy, carbonaceous.
Shale, red, trace.
Lignite.
- 800-830 Sand, gravel to coarse, white and smoke gray.
Shale, dark gray to black, lignitic, waxy, finely micaceous.
Vaginulina webbevillensis
- 830-840 Shale, dark gray, lignitic, pyritic.
- 840-850 Sand, coarse to fine, white, frosted.
- 850-860 Sand, coarse to fine, white and smoke gray, few pink grains.
- 860-890 Shale, dark gray, micaceous, carbonaceous, slightly pyritic,
waxy.
Shale, gray, sandy with fine shell fragments.
Shell fragments
Fish remains rare
Inoceramus prisms rare
Bright green glauconite (1)
- 890-920 Same
Lignite
Ostracods
Robulus
- 900-920 Sand, coarse to fine, white.
- 920-930 Sand, very coarse to fine, white, gray, few pink and yellow,
frosted, rounded.
Phosphatic fish teeth
- 930-940 Same
Shale, gray, micaceous, lignitic.
- 940-950 Shale as above
Shale, dark red, micaceous, trace.

No. 1 B. F. Hill

- 950-970 Shale as above
Clay, orange, sandy, trace
- 970-980 Shale, gray, finely micaceous, waxy, splintery
Sand, medium to fine, glauconitic, white with few colored
grains, slightly pyritic.
Marginulina sp.
- 980-990 Shale as above.
Sand, very coarse to gravel.
Pyrite crystals abundant
- 990-1020 Shale, gray and brownish-gray, finely micaceous, carbonaceous,
waxy.
- 1020-1060 Skip
- 1060-1080 Shale, orange to red, sandy.
Sand, very coarse to fine, white, orange and yellow
Chert - common
- 1080-1090 Shale, gray, finely micaceous, slightly carbonaceous.
- 1090-1120 Shale as above.
Clay, orange.
Sand, coarse to fine, white and orange
Sandstone, fine, micaceous, glauconitic.
- 1120-1150 Sand, gravel to very coarse, white and gray, few colored grain
fractured, frosted.
- 1150-1160 Shale, dark gray, finely micaceous, lignitic, waxy.
- 1160-1170 Sand, very coarse, gray, white and yellow
Kaolin clay, caving.
- 1170-1210 Shale, brick red, trace.
- 1210-1250 Coarse sand and gray shale as above.
Thin shell fragments.
- 1250-1290 Sand, very coarse, white, gray, pink and orange.
- 1290-1330 Same. Shale, red trace
- 1330-1340 Coarse sand and gray shale as above.
Claystone, orange, sandy.
- ~~1340~~-1370 Same
Shell fragments rare
- 1370-1390 Shale, brown, lignitic,
Shale, greenish-gray, waxy.

No. 1 B. F. Hill

- 1390-1490 Shale as above.
Sand, coarse
Vaginulina webbervillensis
- 1490-1520 Same.
Shale, brown, lignitic, micaceous (large crystals)
Thin shell fragments inclusions
- 1520-1570 Same
Shell fragment - gray, rare
- 1570-1580 Clay, orange-red, sandy
Shale, gray to dark gray, waxy
- 1580-1620 Sand, coarse, white and red and yellow.
- 1620-1660 Same
Clay, orange, sandy, common
- 1660-1680 Sand as above
Clay, sideritic
Clay, pale pink, mottled red
- 1680-1730 Sand, coarse, white, yellow, orange and red.
- 1730-1750 Shale, varicolored, dark red, ochre, pink, green and gray.
Sand, coarse, white, yellow, orange, pink.
- 1750-1770 Same, red sand and red shale.
Lignite - trace.
- 1770-1780 Same, milky white translucent grains common.
- 1780-1800 Same.
Shale, dark gray, very micaceous, flaky, carbonaceous.
- 1820-1900 Same, sand.
Shale, dark red, micaceous.
- 1900-1930 Sand as above.
Shale, dark gray, finely micaceous.
- 1930-1960 Sand, coarse to medium, white, yellow, pink and red.
Shale, red.
- 1960-2010 Same.
Shale, mottled red and green
Shale, black
- 2010-2020 Sand, coarse, varicolored.
Shale, red.
- 2020-2040 Same
Shale, gray.
- 2040-2130 Same
Shale, varicolored
Gypsum - trace.

No. 1 B. F. Hill

- 2130-2140 Sand, coarse, white, few yellow and orange.
Shale, dark red, trace.
- 2140-2150 Sand, coarse, varicolored (mostly white)
Orthoclase, pink, trace.
Shale, red.
- 2150-2160 Same (mostly white)
Siderite
- 2160-2180 Sand and shale, varicolored (mostly white)
- 2180-2220 Same (mostly white)
Shale, gray, very micaceous, carbonaceous slightly chloritic.
- 2220-2260 Sand, white coarse to gravel, red, orange and yellow
Shale, orange-red, common also, pink, tan and green.
Shale, gray micaceous, carbonaceous.
- 2260-2270 Same
Shale, gray, micaceous, waxy, common
Lignite
- 2270-2290 Sand, coarse to gravel, varicolored.
Shale, dark red and mottled red and gray, micaceous, sandy.
- 2290-2310 Same
Feldspar, white and pink.
- 2310-2317 Skip in samples.
- 2317-2319 (Core) Quartzite, light gray, pyrite in fractures.

Respectfully submitted,

MERICA OIL COMPANY

By:


Wm. A. Stone