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.

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 webbervillensis

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 remins 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

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