32214
GGS-651
WAY 8

LITHOLOGIC LOG

Well no.: Union Bag-Camp Paper Corp. #1
GGS-651

County: Wayne County

Driller: Humble Oil Company

Location: 31°31'12" Lat.
81°41'03" Long.

Described by: Charles W. Sever, Jr.

Number of samples: 386

Date Drilled:
Start: September 26, 1960
Finish: November 22, 1960

Altitude:
Land surface: 49'
Derrick floor: 65'

Total depth: 4,547 feet

DESCRIPTION

	Depth (feet)
No samples.....	0-40
Clayey sand and gravel: pale yellow (10Y 8/2) and moderate reddish-orange (10R 6/6), well rounded, medium-grained sand to pebble gravel.....	40-60
Calcareous pebbly sand: light greenish-gray (5Y 8/1), mostly quartz, medium- to very coarse-grained, granule and pebble gravel abundant, well rounded, contains casts of fossils (pelecypods), mafic fragments common.....	60-110
No samples.....	110-120
Calcareous sand and gravel: light greenish-gray, medium-grained sand to pebble gravel, well rounded, clastics mostly clear to frosted quartz and some grayish-black limestone; casts of fossils (pelecypods), scarce to common.....	120-170

	Depth (feet)
Pebbly sand and silty limestone: sand is light greenish-gray (5YG 8/1), medium-grained sand to pebbly gravel, rounded to well rounded, clear to frosted; limestone is light gray (N 7), silty; phosphatic nodules common to abundant.....	270-360
Phosphatic sand and gravel: coarse sand to pebbly gravel; mostly unfrosted quartz and phosphatic nodules but feldspar common; phosphate nodules, light-gray to grayish-black colored; white colored fragments of fossil shells abundant.....	360-420
Sandy, phosphatic, bioclastic limestone: white, medium- to very coarse-grained sand common to abundant, granule gravel scarce to common, phosphatic nodules common to abundant, Bryozoa fragments abundant.....	420-580
Bioclastic limestone: white, Bryozoa fragments abundant, Foraminifera common; iron sulfides rare.....	580-690
Sand and gravel: very coarse sand to pebbly gravel, frosted grains, mostly quartz; phosphate nodules and fossil fragments abundant.....	690-700
Bioclastic limestone: white, Bryozoa fragments abundant, iron sulfide scarce.....	700-790

	Depth (feet)
Bioclastic limestone: white, calcite crystals abundant	790-830
Phosphatic sand: medium- to coarse-grained, subangular to rounded, phosphate nodules abundant, very coarse sand common, shell fragments abundant	830-850
Bioclastic limestone: white, calcite crystals abundant, coarse sand to granule gravel common	850-910
Sand: medium- to coarse-grained; very coarse sand common, granule gravel scarce, shell fragments common, angular to well rounded, clear to frosted; phosphate nodules abundant; some limestone beds 970 to 990 feet; coarse sand to pebble gravel 1,060 to 1,090	910-1,500
Marl: light gray (N 7) to light brownish gray (5YR 6/1); quartz sand common, angular to subangular, clear, fine- to coarse-grained; glauconite abundant	1,500-1,650
Glauconitic limestone and marl: light gray; quartz sand common, angular to well rounded, clear, fine- to coarse-grained; silty glauconite abundant	1,650-1,880
Glauconitic limestone and quartz sand: light gray; sand, fine- to very coarse-grained, angular to rounded, clear to frosted; glauconite very abundant	1,880-1,900

Glauconitic limestone: white to light gray, bioclastic and aphanitic; glauconite dusky green (5G 3/2), botryoidal, 0.1 to 1.0 mm grains.....1,900-1,940

Sandy glauconitic limestone: light gray, aphanitic; sand medium- to very coarse-grained, angular to well rounded, clear to frosted; iron sulfide scarce, phosphate nodules scarce.....1,940-2,060

Glauconitic limestone: very light gray to light gray, aphanitic, sandy.....2,060-2,120

Limestone: white to light gray, aphanitic to crystalline, glauconite scarce, chert(?) scarce, quartz sand scarce to common.....2,120-2,310

Sandy limestone: white to light gray, glauconite and chert(?) scarce; sand is quartz, clear, fine- to coarse-grained, angular to subrounded, granule gravel rare..... 2,310-2,450

Calcareous sand: light gray to medium dark gray, very fine- to medium-grained, angular to subrounded, mostly quartz, glauconite and phosphate nodules scarce, bioclastic fragments common.....2,450-2,620

Sandy marl: medium dark gray and white; sand mostly quartz, angular to subrounded, clear, very fine- to medium grained; white bioclastic fragments common to abundant, glauconite scarce, phosphate nodules scarce.....2,620-2,860

Depth (feet)

Calcareous sand: medium gray, mostly quartz but contains some feldspar, clear, angular to subrounded, fine- to coarse-grained; glauconite scarce; white shell fragments common.....2,860-3,070

Marl: medium gray.....3,070-3,090

Calcareous sand: medium gray, mostly quartz, clear, angular to subrounded, fine- to medium-grained; glauconite and green-stained quartz scarce.....3,090-3,100

Sandy marl: very light gray to medium gray; sand mostly quartz, very fine- to coarse-grained, clear, subangular to rounded, glauconite scarce.....3,100-3,290

Marl: olive gray.....3,290-3,690

No samples.....3,690-3,700

Sandy marl: very light gray to greenish gray (5GY 6/1); sand mostly quartz, clear, angular to subrounded, fine- to medium-grained.....3,700-3,730

No samples.....3,730-3,770

Sandy marl: white to dark gray; sand mostly quartz, clear, angular to subrounded, fine- to medium-grained, glauconite common.....3,770-3,780

No samples (missing).....3,780-4,360

Marl: light gray to dark gray, glauconite common, feldspar and quartz grains scarce, sponge spicules common, Cretaceous, fossils (Foraminifera) common to abundant. Probably contamination.....4,360-4,540

Slate: greenish gray (5GY 6/1) to dark gray N 3.....4,540-4,547