Well No. E4

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD

Record by T.M. Shovis
Source of data: D.R. Davis
Date: 6-8-66
County: Calhoun
State: Mississippi
Latitude: 34° 07' 22" N
Longitude: 90° 31' 12" W
Sequential number: 1
Local well number: E004 0821 12 5015
Use of water: Stock, Institute, Recharge, Recharge, Domestic, Municipal, Industrial
Use of well: Anode, Drain, Seismic, Heat Res. Oil, Gas, Recharge, Test, Unused, Withdrawn, Waste, Destroyed
Data available: Well data, Freq. U/L meas.
Aperture cards: No

WELL DESCRIPTION CARD

Depth well: 1390 ft
Depth cased: 1200 ft
Casing type: Steel
Diam.: 11 in
Drilled: Air bored, cable, dug
Hyd. tested: Air
Driller: Honolulu Oil Corp.
Drillers: Jackson Miss
Lift: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N)
Power: (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N)

Alt. L.S.D.: 369 ft
Water Level: 130.17 ft below L.S.D.
Date meas.: 5/14/58
Yield: 5.58 gpm

QUALITY OF WATER DATA:
Iron ppm
Sulfate ppm
Chloride ppm
Hard. ppm
Sp. Conduct: K x 10
Temp. °F

Taste, color, etc.
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Latitude-longitude 34°00' 10°89.11'4

HYDROGEOLIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 156

Drainage Basin: D

Subbasin: 0.3

Section: 3

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp, offshore, sediment, hillside, terrace, undulation, valley flat

MAJOR AQUIFER: Cretaceous

System: Upper

Series: K-3

Origin: aquifer, formation, group

Aquifer Thickness: 200 ft

Lithology: Sand

Length of well open to: 110 ft

Depth to top of: 1200 ft

MIDDLE AQUIFER:

System

Series: 2-S

Origin: aquifer, formation, group

Aquifer Thickness: ft

Lithology:

Length of well open to: ft

Depth to top of: ft

INTERVALS Screened:

Depth to consolidated rock: 176.0 ft

Source of data: Elec log

Depth to basement: ft

Source of data:

Surficial material: Clay

Infiltration characteristics:

Coefficient Trans:

Coefficient Storage:

Perforated: 1200-1270', 1350-1390'

Spec cap: gpd/ft²; Number of geologic cards:

GPD 857-700