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

MASTER CARD

Record by: McAleese
Source of data: MERC
Date: 5-28-67
Map: Highway Map

State: MIISS
County: 28
Township: Jasper
Sequential number: 1

Latitude: 32° 12' 38" N
Longitude: 90° 02' 45"

Lat-long accuracy: 15 degrees 15 min 0 sec

Local well number: C0024600204

Local use: WATER
Owner or name: WILL ESTES
Address: Newton, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Food, Irrig, Med, Ind, P & S, Rec

Stock, Incit, Unused, Repress, Recharge, Deisel-P & S, Diesel-other, Other

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdrawn, Waste, Destroyed

DATA AVAILABLE: Well data
Freq, W/L meas: Pump intake setting

Hyd, lab, data: Field aquifer char

Qual, water data: type

Freq, sampling: Pumpage inventory

Aperture cards: Log data:

WELL-DESCRIPTION CARD

SAVE AS ON MASTER CARD

Depth well: 262 ft
Mass: 3.62

Depth cased: 252 ft
Casing: JKL

Diam: 3 4/16 in

Finish: porous gravel, gravel, hole, open perf, screen ad pt., shored, open

Method of completion: air bored, cable, drig, hyd jetted, air rot, reverse trenching, driven, drive

Date drilled: 9-15-63

Pump intake setting:

Driller: N. L. Welch

Address: Lawrence, Mass

Lift (type): (1) airlift, (2) jet (3) multiple, (4) submersible pump, (5) piston, (6) submersible turb, (7) other

Power: (1) diesel, (2) elec, (3) gasoline, (4) hand, (5) gas, (6) wind

Descrip: MP

Alt. LSD: ft below LSD, Alt. MP

Water Level: 77 ft above MP

Date of level: 9-15-63

Accuracy: ngt

Yield:

Drawdown:

Accuracy:

QUALITY OF WATER DATA:

Iron: ppm
Sulfate: ppm
Chloride: ppm

Hard: ppm

Taste, color, etc.
HYDROGEOLOGIC CARD

Physiographic Province: 3

Drainage Basin: U

Subbasin: 13

Topo of well site:
- Depression, stream channel, dunes, flat, hilltop, sink, swamp,
- Offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:
- Tertiary, Eocene T.E. Sparta Sand

Lithology:
- Sand

Length of well open to:
- 10 ft

Depth to top of:
- 1.97 ft

Aquifer Thickness:
- 8 ft

MINOR AQUIFER:

Lithology:

Length of well open to:

Depth to top of:

Aquifer Thickness:

Intervals Screened:
- 252 - 282

Depth to consolidated rock:
- 0 ft

Source of data:
- 64

Depth to basement:
- 0 ft

Source of data:
- 65

Permeability characteristics:

Coefficient of Trans:
- gpd/ft²

Coefficient of Storage:
- 71

Coefficient of Spec cap:
- gpm/ft²

Number of geologic cards:
- 79

10' of 2" Screen

Clay:
- 0-16

Brown Sand:
- 16-116

Sandy:
- 116-159

Sand:
- 159-191

Sand:
- 191-264

GPO 857-700