

WRD Exp. (GW)
April 1966

Well No. U4
E#191

PUMPED TRANSMITTED FOR ADP
APR 22 1975

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by TN Shows Source of data Driller Date 9-20-65 Map Wayne Co.

State Miss. 28 County (or town) Wayne 77

Latitude: 313920N Longitude: 0983135 Sequential number: 1

Lat-long accuracy: 3 T. 70 S. R 50 Sec 30 SE SW

Local well number: 4004DC3007N05W Other number: U4

Local use: 055 Owner or name: BUCATUNNA WATER Address: Bucatunna, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, (H) Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (P) U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed (W) U

DATA AVAILABLE: Well data 1 Freq. W/L meas.: 0 Field aquifer char. 0

Hyd. lab. data: _____

Qual. water data; type: USGS Complete 9-17-65

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: Elog 56' to 678'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 638 Meas. 3

Depth cased: (first perf.) _____ ft 631 Casing type: Gal. Iron; Diam. 8x6 in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, (H) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other (X)

Method: (A) air bored, (B) cable, (C) dug, (D) hyd rot, (H) jetted, (J) air percussion, (P) rotary, (R) reverse trenching, (T) driven, (V) wash, (W) drive, (Z) other (H)

Date Drilled: 5-28-65 9:65 Pump intake setting: _____ ft _____

Driller: Terry Drilling Co., Meridian Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other (N) Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____

Descrip. MP _____ ft above _____ below LSD, Alt. MP _____

Alt. LSD: 152± 152 Accuracy: (source) Topo 4

Water Level +8 ft above MP; Ft below LSD +8 Accuracy: _____ D

Date meas: 565 Yield: Flow gpm 32 Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron 07 Sulfate 0 Chloride 0 Hard. 2

Sp. Conduct 4 K x 10⁶ Temp. 75 Date sampled 965

Taste, color, etc. ph 8.4

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Latitude-longitude 31, 32, 20⁰ 089, 31, 35_{s d m s d m s}

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: East Gulf Coastal Plain 03 Section: East Gulf

Drainage Basin: Constal d 13P Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, (F) flat, (H) hilltop, sink, swamp, (K) (L) (O) offshore, pediment, hillside, terrace, undulating, valley flat F

MAJOR AQUIFER: Tertiary, Eocene T E Cocosa Sand of Jackson C M

Lithology: 45 Origin: 3 Aquifer Thickness: ft

Length of well open to: 35 37 ft 38 40 Depth to top of: 41 43 ft

MINOR AQUIFER: 44 45 aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: ft

Length of well open to: 51 53 ft 54 56 Depth to top of: 57 59 ft

Intervals Screened:

Depth to consolidated rock: 60 63 ft Source of data: 64

Depth to basement: 65 68 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft Coefficient Storage: 76 78

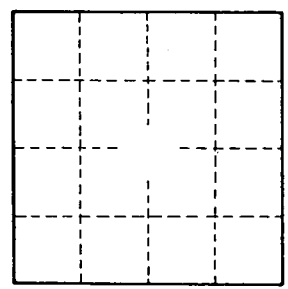
Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

Field pH = 8.8

Field sp. Cond. = 740

8" 300'

6" 300' to 700'



Notes:

A note to Miller regarding

phosphorus in the environment > only 1/1000

For Jones

Well No. U 4