

WRD Exp. (GW)  
April 1966

Well No. E3

APR 22 1975

# WELL SCHEDULE REPLACEMENT

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

## MASTER CARD

Record by W.T. Oakley Source of data Fire Chief Date 8-9-65 Map County

State Miss. 28 County (or town) Jeff Davis 33

Latitude: 313540N Longitude: 089522W Sequential number: 1

Lat-long accuracy: 20 T. 7 S. R. 19 Sec 12, NW 1/4, NW 1/4

Local well number: E003681207N19W Other number: B & M

Local use: 064 567 10 Owner or name: City of Prentiss

Owner or name: PRENTISS Address: Prentiss, Miss.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: Monthly M Field aquifer char. Z

Hyd. lab. data: 73

Qual. water data; type: Complete Chemical Anal. C

Freq. sampling: Original 75 Pumpage inventory: no period: 76

Aperture cards: 77

Log data: 78 79

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 200 ft 200 Meas. rept 24 6

Depth cased: 130 ft 130 Casing type: Galv.; Diam. 8 in 0.8

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other S

Method: (A) air bored, (B) cable, (C) dug, (D) hyd rot, (E) jetted, (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) wash, (K) other H

Date Drilled: 10-27-53 9:53 Pump intake setting: 36 ft 38

Driller: Layne Central, Jackson Miss.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep 39 Shallow 40

Power (type): (A) diesel, (B) elec, (C) nat gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 30 V Trans. or meter no. 40

Descrip. MP Level of pump at 1.3 ft above LSD Alt. MP 47 6

Alt. LSD: 400 Accuracy: 360 11/17/81 47 6

Water Level -49' ft above MP; Ft. below LSD 49 Accuracy: steel tape 52 A

Date meas: 10-27-53 0:53 Yield: 360 gpm 360 Method determined 61

Drawdown: 66 ft 62 Accuracy: rept 6 Pumping period 66 hrs 68 1

QUALITY OF WATER DATA: Iron 0.08 ppm 69 Sulfate 0.0 ppm 70 Chloride 57 ppm 71 Hard. 17 ppm 72

Sp. Conduct 214 K x 10<sup>6</sup> 73 Temp. 67 °F 74 76 Date sampled 4-26-66 466 77 79

Taste, color, etc. 79

11/17/81  
70  
20.50  
49.20  
1.3  
57.90  
360  
45  
31.3

TRANSMITTED FOR ADP.

Well No. E3

Latitude-Longitude: \_\_\_\_\_ N  
 \_\_\_\_\_ S  
 \_\_\_\_\_ d \_\_\_\_\_ m \_\_\_\_\_ s

HYDROGEOLOGIC CARD

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

Plain **d** Drainage Basin: 13V Subbasin: \_\_\_\_\_

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (R) offshore, pediment, hillside, terrace, undulating, valley flat **H**

MAJOR AQUIFER: Tertiary system Miocene series TM Catahoula SS, upper aquifer, formation, group **MZ**

Lithology: Unconsolidated sands Origin: Deltaic **3** Thickness: \_\_\_\_\_ ft

**270** Length of well open to: 70 ft **70** Depth to top of: \_\_\_\_\_ ft

MINOR AQUIFER: \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

Intervals Screened: 130 - 200 ft

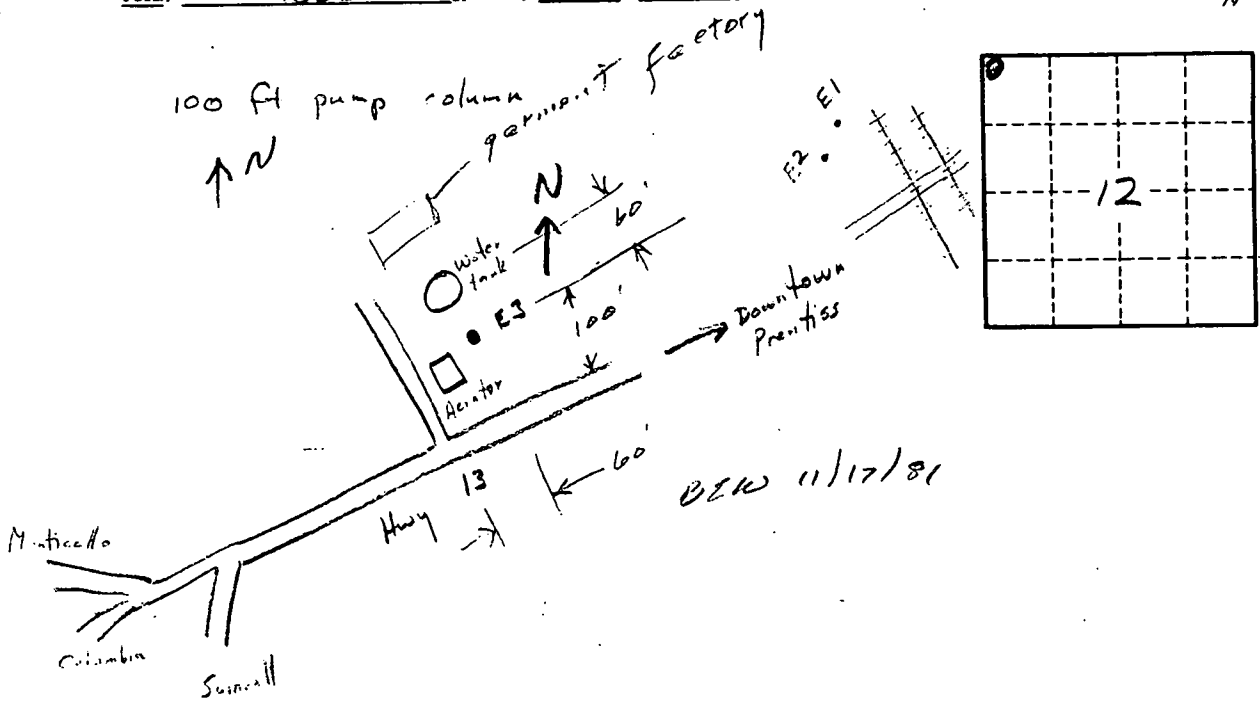
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: 350,000 gpd/ft **354** Coefficient Storage: \_\_\_\_\_

Coefficient Perm: 1300 gpd/ft<sup>2</sup>; Spec cap: 10 gpm/ft; Number of geologic cards: \_\_\_\_\_



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