

WRD Exp. (GW)  
April 1966

Well No. E1

# WELL SCHEDULE

MAR 10 1975

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

## REPLACEMENT ✓

### MASTER CARD

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

State Miss. 28 County Jeff Davis 33

Latitude: 31<sup>deg</sup> 36<sup>min</sup> 00<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 95<sup>min</sup> 20<sup>sec</sup> 3 Sequential number: 1

Lat-long accuracy: 2 T. 7 S. R. 19 Sec 1, NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$ , B & M

Local well number: E001AC0107N19W Other number: \_\_\_\_\_

Local use: 064 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) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other U

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. U

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: Complete Chemical Anal

Freq. sampling: Original  Pumpage inventory: no  period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 150 ft 150 Meas. rept 6

Depth cased; (first perf.) 90 ft 90 Casing type: Galv; Diam. 8 in 8

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

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

Date Drilled: 1945 945 Pump intake setting: \_\_\_\_\_ ft 36 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 Shallow 4C

Power (type): nat LP 25  Trans. or meter no. \_\_\_\_\_

Descrip. MP none ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 400 Accuracy: (source) 6

Water Level: -17 ft above below MP; 17 ft above below LSD Accuracy: rept 6

Date meas: 8-9-1965 865 Yield: 325 gpm 325 Method determined 61

Drawdown: 39.98 ft 40 Accuracy: log-d 6 Pumping period 50 hrs 1

QUALITY OF WATER DATA: Iron 0.00 ppm 0 Sulfate 5 ppm 0 Chloride 2.0 ppm 0 Hard. 5 ppm 0

Sp. Conduct 26 K x 10<sup>6</sup> 0 Temp. 67 °F 67 Date sampled 12-19-55 D55

Taste, color, etc. \_\_\_\_\_

TRANSMITTED FOR ADP

Well No.

E1

Latitude-longitude N  
S

HYDROGEOLOGIC CARD

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

Plain 2 Drainage Basin: 13V Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 F

MAJOR AQUIFER: Tertiary system, Miocene series, TM Miocene undifferentiated aquifer, formation, group M2

Lithology: Unconsolidated sands US Origin: Deltaic 3 Aquifer Thickness:          ft

Length of well open to: 40 ft Depth to top of: 104 ft

MINOR AQUIFER:          system,          series,          aquifer, formation, group         

Lithology:          Origin:          Aquifer Thickness:          ft

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

Intervals Screened: 110-150 ft

Depth to consolidated rock:          ft Source of data:         

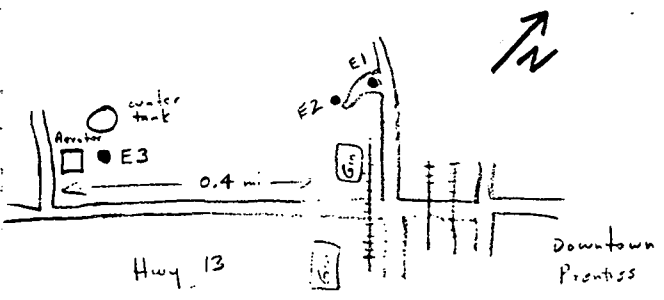
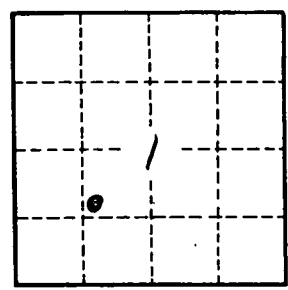
Depth to basement:          ft Source of data:         

Surficial material:          Infiltration characteristics:         

Coefficient Trans: 350 000 gpd/ft 354 Coefficient Storage:         

Coefficient Perm: 1,300 gpd/ft<sup>2</sup>; Spec cap: 10 gpm/ft; Number of geologic cards:         

Water level -21 ft 12-19-55 (rpt)  
Water sample 1955  
Sand + 104 ft



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