

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED AND VERIFIED  
BULLOCK STATION BRANCH

MASTER CARD

Record by L.W. Stephenson Source of data \_\_\_\_\_ Date 7-16-19 Map \_\_\_\_\_

State Mississippi County (or town) Lawrence Sequential number: 1

Latitude: 31° 32' 36" N Longitude: 09° 00' 07" W

Lat-long accuracy: 3 T. 7 S. R. 11 W. Sec 29. NE  $\frac{1}{4}$ , SW  $\frac{1}{4}$ .

Local well number: G001AC2907N11E Other number: 6 WSP 576

Local use: \_\_\_\_\_ Owner or name: P. D. Weathersby

Owner or name: P. D. WEATHERSBY Address: Monticello, Miss

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Z) Desal-other, Other H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed.

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

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

Qual. water data; type: See back page

Freq. sampling: original  Pumpage inventory: no, period: \_\_\_\_\_ yes

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

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

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 330 ft Meas. 330 ft accuracy \_\_\_\_\_

Depth cased; (first perf.) 300 ft Casing type: \_\_\_\_\_; Diam. 6 in

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

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

Date Drilled: 1911 Pump intake setting: \_\_\_\_\_ ft

Driller: F. J. Nalty, Brookhaven Miss

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) noise, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other N Deep  Shallow

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

Descrip. MP \_\_\_\_\_ ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 200 ft Accuracy: topo

Water Level: 10 ft above MP, 110 ft below LSD Accuracy: \_\_\_\_\_

Date meas: ? Yield: flow 60 gpm Method not determined

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron 0.6 ppm Sulfate 8.9 ppm Chloride 3.2 ppm Hard. 14 ppm

Sp. Conduct 4 K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled 7-1919

Taste, color, etc. tastes slightly of iron

Well No. 61

Latitude-longitude N  
S  
d m 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: 26

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

MAJOR AQUIFER: Tertiary Miocene TIM Catahoula SS MIZ  
system series aquifer, formation, group

Lithology: unconsolidated sand US Origin: Deltaic 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 30 ft Depth to top of: 30 ft

MINOR AQUIFER: \_\_\_\_\_ aquifer, formation, group  
Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

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

Intervals Screened: 300-330 ft 30' x 6"

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

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

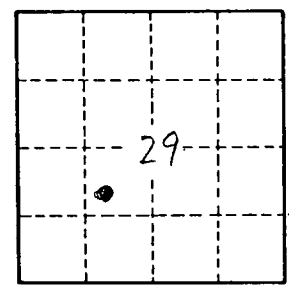
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

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

Anal by USGS collected July 1919

Silica (SiO <sub>2</sub> )	26	ppm
Iron (Fe)	0.6	
Calcium (Ca)	3.0	
Magnesium (Mg)	1.6	
Sodium + Potassium (Nat K)	23	
Carbonate	0.0	
Bicarbonate (HCO <sub>3</sub> )	61	
Sulfate (SO <sub>4</sub> )	8.9	
Chloride (Cl)	3.2	
Nitrate (NO <sub>3</sub> )	Trace	
Total Dissolved Solids	93	
Total Hardness	14	



WELL NO. 61