

Can be measured

WRD Exp. (GW)
April 1966

Well No. Q180

GW01961
U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH.

MASTER CARD

Record by J. A. Callahan Source of data Berth Assoc Date 9-6-66 Map Pascagoula Quad

State Miss County (or town) Jackson 310

Latitude: 30 deg 21 min 30 sec N Longitude: 088 degrees 31 min 29 sec W Sequential number: 1

Lat-long accuracy: 2 T. 6 R. 5 S. 1130

Local well number: Q180 Other number: Q180 B & M W114

Local use: 009 Owner or name: FAMILY Jackson County Bl of Supervisors

Owner or name: PASCAGOULA Address: Bayou Casotte

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (P)

water: (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: no; period: _____

Aperture cards: _____

Log data: _____

7/1/87
BRR
T=27°C
PH=8.58
COND=1290

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 663 ft Meas. 663 ft accuracy 6

Depth cased: 614 ft Casing type: steel; Diam. 10 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other 3

Method Drilled: air bored, cable, dug, hyd, jetted, air, percussion, rotary, reverse trenching, driven, wash, other 4

Date Drilled: 1-65 Pump intake setting: 965 ft

Driller: Carbars Well Supply Co. Memphis Tenn.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 7 Deep 0 Shallow 0

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

Descrip. MP 12 ft above LSD. Alt. MP _____

Alt. LSD: 10 ft above MP; Ft below LSD 140 Accuracy: C.I 10

Water Level: 54 ft above MP; Ft below LSD 54 Accuracy: Drillers

Date meas: 10-5-65 Yield: 065 gpm 500 Method determined _____

Drawdown: 54 ft Accuracy: 3 Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct K x 10⁶ _____ Temp. 79 °F Date sampled _____

Taste, color, etc. PH=8.6 MSBOW 8/82

WL=157.
3/20/81

CL=257

Well No.

Q180

Well No. Q 180

Latitude-longitude 30 21 30^N 088 31 29^S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 13Q Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, (F) terrace, (G) undulating, valley flat. T

MAJOR AQUIFER: Tertiary system, Miocene series, TM aquifer, Pascagoula formation, group, PA

Lithology: Sand Origin: Deltaic 3 Aquifer Thickness: _____ ft

Length of well open to: 4.1 ft Depth to top of: 6.4 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: _____

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: _____

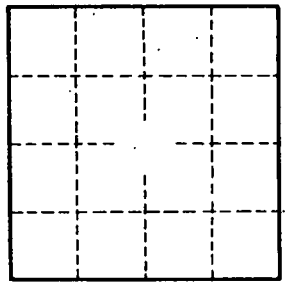
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Location
 1st Sec 30 8 S 5 W
 on gravel st. between Chico & 27th

Consultant
 According to Mr. Tom Barth of Barth and Assoc. Bayou Casotte Wells pump
 Total of 220,000 gpd as of 9-6-66

| | | | | |
|-------------------------|-----|------------|----------|--------|
| Top soil | 5 | Depth. | @ 1125 | 202 |
| Sand | 10 | ph. 8.5 | 10/20/82 | 3.53 |
| Soft Clay | 60 | Temp. 26.5 | | 198.49 |
| Sand | 75 | Cond 1300 | | 198.07 |
| Sand & Small gravel | 100 | | | |
| Sand | 134 | | | |
| Sand | 218 | | | |
| Sandy Clay | 224 | | | |
| Sand + Shale | 347 | | | |
| Clay Hard. + soft spts. | 408 | | | |
| Clay streaks | 498 | | | |
| Soft Clay - Sand | 529 | | | |
| Hard clay | 580 | | | |
| Sand streaks | 613 | | | |
| Sand | 661 | | | |
| Clay | 663 | | | |

See Q181 for loc @ FIRE STA
 &
 WATER TOWER
 Camp of CHICOT & SCOVER
 GPO 857-700



Well No. Q180

JACKSON MISSISSIPPI BOARD OF WATER COMMISSIONERS

② 180
6-11-65

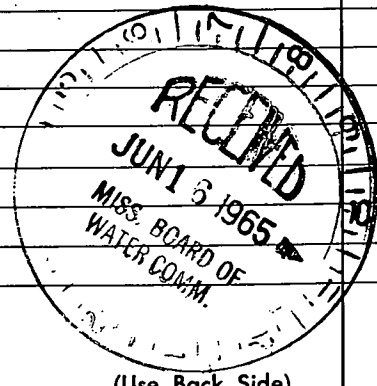
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WATER WELL DRILLERS LOG

Date: June 11, 1965, Driller: Carlross Well Supply County Jackson

(Name)

| (1) Owner of Land: <u>Jackson County</u> (Name) | Description & Color of Materials Sand, Clay, Red Clay, Shell, etc. | Thick- ness Feet | Depth Feet |
|--|---|------------------------|---------------|
| Board of Supervisors | Top soil | 5' | 5' |
| Jackson County, Mississippi | Sand | 5' | 10' |
| (2) Location: <u>1/4, 1/4, Sec. 30 T8R5W</u> | Soft Clay | 50' | 60' |
| Bayou Casotte-Well #1 | Sand | 15' | 75' |
| Pascagoula, Mississippi | Sand, Small Gravel | 25' | 100' |
| (3) Topography: <u>Flat</u> (Hilly) (Flat) (Level) | Sand | 34' | 134' |
| (4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other) | Sand, Takes lots mud | 29' | 163' |
| Information upon completion of well: | Good Sand | 30' | 193' |
| (1) Diameter <u>10</u> inches. | Sand | 25' | 218' |
| (2) Total Depth <u>663</u> feet. | Sandy Clay | 6' | 224' |
| (3) Water Level <u>56</u> feet below top of ground. | Sand-Shale-cuts good | 123' | 347' |
| (4) Cased to <u>614 feet</u> , Size <u>10 inches</u> | Hard clay-w/soft Sandy spots | 61' | 408' |
| (5) Screen: Size <u>6 inches</u> length <u>41' 2"</u> | Clay Streaks | 90' | 498' |
| (6) Were any formations sealed against pollution? <u>X</u> yes, <u> </u> no. | Soft Clay-Sand | 31' | 529' |
| If YES depth of formation <u>Casing cemented</u> <u>its entire length.</u> | Hard Clay | 51' | 580' |
| Why _____ | Sand Streaks | 33' | 613' |
| Drillers Remarks: _____ | Sand | 48' | 661' |
| _____ | Clay | 2' | 663' |
| _____ | | | |
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Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.