

WRD Exp. (GW)
April 1966

Well No. C45

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by TNShow Source of data Owner Date 9-20-65 Map Jones Co. Hwy

State Miss. 28 County Jones 39
(or town)

Latitude: 314605N Longitude: 0890325 Sequential number: 1
deg min sec 12 degrees 10 min sec 19

Lat-long accuracy: 30 T. 9 S. R. 11 Sec 12 NE 1/4 NW 1/4

Local well number: C045AB1209N11W Other number: C45
B & M

Local use: 033 Owner or name: C. M. Sauls

Owner or name: C M SAULS Address: PO. 113, Sanderville

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) S, (R) Rec, H

(S) Stock, (T) Instit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other H

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

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

Hyd. lab. data: _____

Qual. water data; type: USGS 9-16-65

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

Aperture cards: _____ yes 0

Log data: Bowc D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 143 ft 143 Meas. fair 6
accuracy

Depth cased: 131 ft 131 Casing type: Gal steel; Diam. 2 in 2

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

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

Date Drilled: 5-63 963 Pump intake setting: _____ ft _____

Driller: James Porter Waynesboro, 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, (U) other 2 Deep X Shallow 0

Power (type): diesel elec, nat gas, gasoline, hand, gas, wind; H.P. 3/4 5 Trans. or meter no. _____

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

Alt. LSD: 295 295 Accuracy: Good, topo 7

Water Level _____ ft above below MP; Ft below LSD 115 Accuracy: _____ 0

Date meas: 5/63 563 Yield: _____ gpm _____ Method determined _____

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

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

Sp. Conduct 135 K x 10⁶ 1 Temp. °F 067 Date sampled 965

Taste, color, etc. Ph 6.7

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

TRANSMITTED FOR ADP

Well No. C45

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Latitude-longitude 31.46.05^N 089.03.25^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 19 Physiographic Province: Coastal Plain 03 Section: East Gulf

d Drainage Basin: 130 Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp; (E) (F) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 5

MAJOR AQUIFER: Tertiary, Miocene TM Catahoula CA

Lithology: US Origin: 3 Aquifer Thickness: 3 ft

Length of well open to: 6 ft Depth to top of: 118 ft

MINOR AQUIFER: 44 45 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: 50 ft

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

Intervals Screened: 6' of 1/4 .080 gage screen

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

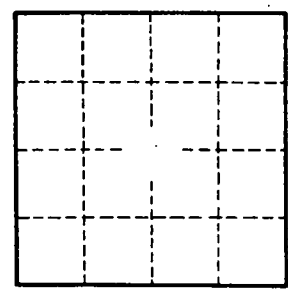
Depth to basement: 65 68 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

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

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

Field pH = 6.7
Field Sp. Cond. = 135
Water Temp. = 67°



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