FORM 9-1642
(1-68)

Well No. A12

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by B.D. Source of data Bowl Date 11-70 Map

State 28 County (or town) Webster 78

Latitude: 334206 N S Longitude: 0892545 Sequential number: 1

Lat-long accuracy: 3 T. 21 N S, R 8 E W, Sec 11, NW ¼, SE ¼, NW ¼ B & M

Local well number: A012DB1121N08E Other number:

Local use: 081 Owner or name:

Owner or name: CHEMPHILLE Address: Gore Springs, Miss.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) 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) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other H

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

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 290 Meas. rept accuracy 5

Depth cased (first perf.) ft 220 Casing type: Pl ; Diam. in 4

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

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

Date Drilled: 970 Pump intake setting: ft

Driller: Lowom name address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1½ T Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 300 Accuracy: (source) 5

Water Level 68 ft above below MP; Ft above below LSD 68 Accuracy: D

Date meas: 770 Yield: gpm 10 Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

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Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 15G (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TE (28–29) aquifer, formation, group TW (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: ≥50 ft

(35–37) Length of well open to: ft 50 (38–40) Depth to top of: ft 240 (41–43)

MINOR AQUIFER: system, series (44–45) aquifer, formation, group (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

(51–53) Length of well open to: ft (54–56) Depth to top of: ft (57–59)

Intervals Screened: open well

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

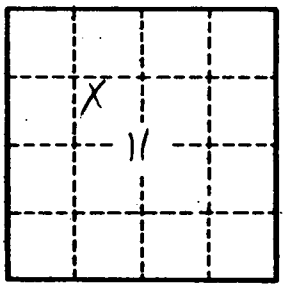
Depth to basement: ft (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

Coefficient Trans: gpd/ft (73–75) Coefficient Storage: (76–78)

Coefficient Perm: gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

Red clay	0 - 40 ft
Blue shell	40 - 175
Rock	175 - 178
Blue shell	178 - 195
Rock	195 - 197
Blue gray shell	197 - 240
White sand	240 - 290



Well No. A12

GPO 937-142

WEBSTER
A12
7-27-70

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

7-27-70 1970 Charles Lowrey Webster
date well completed — firm name — county well located

LANDOWNER: Carroll Wemphille
Gore Springs Miss
(mailing address)

WELL LOCATION:
sec. 11 T 21 (N) S R 8 (E) W
6 miles N.W. of Bellefontaine
(distance) (direction) (nearest town)

WELL PURPOSE: Home
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

(1) diameter (inches) 4"

(2) total depth (feet) 290'

(3) static water level (feet) 68' (below) above top of ground.

(4) casing Plastic, 220'
(material) (depth)

_____ if telescope see back.
(size)

(5) screen _____, _____
(length) (depth to top)

_____, _____
(size) (material)

(6) pump 1 HP 10
(HP) (yield gpm)

Electric
(type power)

(7) electric log No
(yes or no)

_____
(organization running log)

(8) how well bottom plugged Open

DRILLERS REMARKS: _____

description of formations encountered	from	
Red Clay	0	2
Blue Shale	40	1
Rock	175	1
Blue Shale	178	19
Rock	195	1
Blue Gray Shale	197	2
White Sand	240	2
Miss		

CODED

NOV 6 1970
MISS. BD. OF WATER COMM.