

WRD Exp. (GW)
April 1966

Old JD
537711

Well No.

B1

WELL SCHEDULE

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

MASTER CARD

Record by WOTO Source of data MBH + BOWE Date 10-68 Map Bellefontaine

State Miss. County WEBSTER Sequential number: 78

Latitude: 33° 40' 34" N Longitude: 08° 9' 19" W

Lat-long accuracy: 2 sec. T. 21 min. S. R. 9 sec. W. Sec. 23 SW 1/4, NE 1/4, NW 1/4

Local well number: 0001AB2321NO9E Other number: _____

Local use: 064 Owner or name: Bellefontaine Water Assoc. Address: Bellefontaine Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (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, Withdraw, Waste, Destroyed W

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

Hyd. lab. data:

Qual. water data: type: M3EON 2/68 USGS 11/70

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

Aperture cards: yes

Log data:

W/L Date 11/17/82
W/L = 176.04
Listed as city of Empson
GW-00933

Thru. Day 8/13/87
196'
4.60 cwt
2.0 MP
189.40

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 236.6 Meas. 3

Depth cased: (first perf.) 232.6 ft Casing type: _____; Diam. 10x1 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open end, (I) open perf., (J) screen, sd. pt., (K) shored, (L) open hole, (M) other 3

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

Date Drilled: 9-6-7 Pump intake setting: _____ ft

Driller: Rayne Central, 7 diam pipes

Lift (type): (A) air, (B) bucket, (C) cent, jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, other T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no. 25

Descrip. MP A. vent in pump base 1.4 ft above below LSD, Alt. MP _____

Alt. LSD: 355 Accuracy: (source) _____

Water Level 156.2 ft above below MP; 11.2 ft above below LSD Accuracy: _____

Date meas: 3/3/72 Yield: _____ gpm Method determined 1

Drawdown: 26 @ 195 gpm 2.6 Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct 1325 K x 10⁶ 5 Temp. 37.5 Date sampled 11-17-70 N70

Taste, color, etc. pH 8.0 Fe .2 Cl 360 TDS 811 M3EON

12/16/78
W/L = 167.14

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

Well No. B1

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D 156 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 Tuscaloosa aquifer, formation, group Gφ

Lithology: _____ S Origin: _____ 2 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 40 **Depth to top of:** 2315 ft B32

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: _____

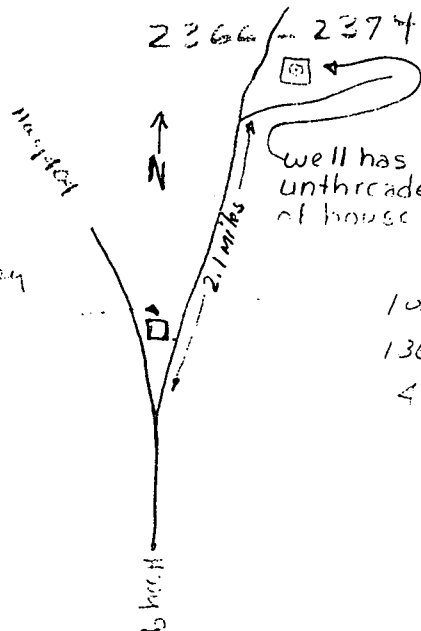
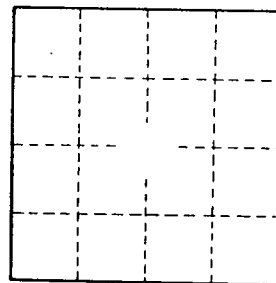
Surficial material: _____ infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ **Coefficient Storage:** _____

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

Pumping test on 3-15-1972: Inconclusive results.

Sdy clay 2045 - 2137
 Sdy & hd silt ls 2137 - 2168
 Hard Red Gumbo 2168 - 2315 ft
 Sand 2315 - 2366
 Hard gumbo 2366 - 2374



B.F. Gibson sec. haskey vans store

James Robert Pappas
 P. Pappas
 Ph 258 7048

WL 153 9/67

Well No. B1



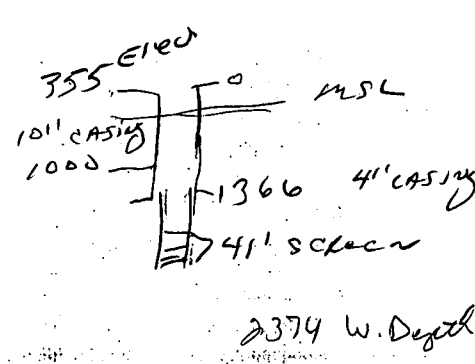
Webster
 13
 9-26-67

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

WATER WELL DRILLERS LOG

September 19 67 Layne Central Co. Webster
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Bellefontaine</u>	<u>Clay</u>	<u>0</u>	<u>8</u>
<u>Water Association</u>	<u>Sand</u>	<u>8</u>	<u>23</u>
<u>Bellefontaine, Miss</u>	<u>Sandy Clay</u>	<u>23</u>	<u>75</u>
(mailing address)	<u>Rock</u>	<u>75</u>	<u>77</u>
WELL LOCATION: <u>2 miles north of Bellefontaine</u>	<u>Shale & Rock</u>	<u>77</u>	<u>150</u>
sec. <u> </u> T. <u> </u> N. <u> </u> R. <u> </u> E. <u> </u> S. <u> </u> W. <u> </u>	<u>Sandy Shale & Rock</u>	<u>150</u>	<u>208</u>
<u> </u> miles <u> </u> of <u> </u>	<u>Sapstone & Rock Strata</u>	<u>208</u>	<u>816</u>
(distance) (direction) (nearest town)	<u>Rock</u>	<u>816</u>	<u>825</u>
WELL PURPOSE: <u>Domestic</u>	<u>Sapstone & Rock Strata</u>	<u>825</u>	<u>1010</u>
(home, irrigation, municipal, industrial)	<u>Shale</u>	<u>1010</u>	<u>1160</u>
WELL COMPLETION DATA:	<u>Sapstone</u>	<u>1160</u>	<u>1763</u>
(1) diameter (inches) <u>10" x 4"</u>	<u>Sandy Clay</u>	<u>1763</u>	<u>1820</u>
(2) total depth (feet) <u>2374'</u>	<u>Sapstone</u>	<u>1820</u>	<u>1890</u>
(3) static water level (feet) <u>153'</u> below top of ground.	<u>Sandy Clay</u>	<u>1890</u>	<u>1976</u>
(4) casing <u>Steel</u> <u>1000'</u> (material) (depth)	<u>Sandy Shale & Sandstone</u>	<u>1976</u>	<u>2070</u>
<u>10" and 1366" of 4"</u> (size) if telescope see back.	<u>Sand & Hard Strata</u>	<u>2070</u>	<u>2095</u>
(5) screen <u>41'</u> <u>2326</u> (length) (depth to top)	<u>Sandy Clay</u>	<u>2095</u>	<u>2137</u>
<u>4"</u> (size) <u>Stainless Steel</u> (material)	<u>Sand & Hard Strata</u>	<u>2137</u>	<u>2168</u>
(6) pump <u>25</u> <u>125</u> (HP) (yield gpm)	<u>Hard Red Gumbo</u>	<u>2168</u>	<u>2315</u>
<u>Electric</u> (type power)	<u>Sand</u>	<u>2315</u>	<u>2366</u>
(7) electric log <u> </u> (yes or no)	<u>Hard Gumbo</u>	<u>2366</u>	<u>2374</u>
(organization running log)			
(8) how well bottom plugged <u>Slugs & Valve</u>			
DRILLERS REMARKS:			



APR 17 1969

MISS. BD. OF
 WATER COMM.

2374 W. Depth

BELLEFONTAINE

