

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.E. Ellison Source of data C.L. Bates Date 5-12-60 Map Liberty
 State Mississippi County (or town) Amite Sequential number: 1
 Latitude: 31° 09' 26" N Longitude: 090° 48' 33" W
 Lat-long accuracy: 30' T. 2 S. R. 4 E. Sec 9 NW/SE degrees 15 min. sec 18
 Local well number: M 001 B A 0902 N 04 E Other number: W-#2
 Local use: 009 355 4.4 Owner or name: Town of Liberty
 Owner or name: LIBERTY Address:
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, 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. Z
 Hyd. lab. data:
 Qual. water data; type: USGS (MSB) MSB04 2-15-65
 Freq. sampling: Pumpage inventory:
 Aperture cards:
 Log data: Drill.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 620 ft Meas. rept 620 accuracy
 Depth cased: (first perf.) 560 ft Casing type: ; Diam. 10 X 1/2 in
 Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) horiz. gallery, (K) open end, (L) open end, (M) open end, (N) open end, (O) open end, (P) open end, (Q) open end, (R) open end, (S) open end, (T) open end, (U) open end, (V) open end, (W) open end, (X) open end, (Y) open end, (Z) other
 Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percuss, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other
 Date drilled: 1954 9:54 Pump intake setting: 312 ft
 Driller: Corloss Well Supply Co., Memphis, Tenn.
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other, (M) Deep, (N) Shallow
 Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no.
 Descrip. MP 1/4 west of 2.0'
 Alt. LSD: 300 Accuracy: 360
 Water Level: 166 ft above MP; 166 ft below LSD Accuracy:
 Date meas: Mar 1955 3:55 Yield: 300 gpm Method determined:
 Drawdown: ft Accuracy: Pumping period: hrs
 QUALITY OF WATER DATA: Iron 4 ppm Sulfate 9.0 ppm Chloride 4.5 ppm Hard. 35 ppm
 Sp. Conduct 122 K x 10⁶ Temp. 72 °F Date sampled 5/12/60
 Taste, color, etc. Clear pH 6.7 High:

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

10/29/81
 295
 71.60
 213.40
 2.0
 211.40
 360
 2140

Well No. NI

Latitude-longitude 31.09.25^N 90.48.31

HYDROGEOLOGIC CARD

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

Drainage Basin: D 14G 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 TM aquifer, formation, group MZ

Lithology: US Origin: 3 Aquifer Thickness: _____ ft

Length of well open to: 67 ft Depth to top of: 595 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: 560-620 60' Cook W.W. Silicon Bronze 6" #3051st

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

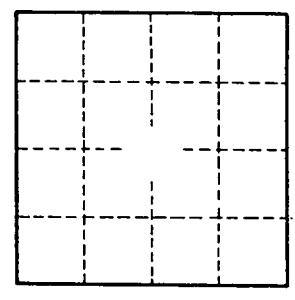
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 13,000 gpd/ft 133 Coefficient Storage: _____

Coefficient Perm: 2.00 gpd/ft²; Spec cap: 4.4 gpm/ft; Number of geologic cards: _____

- 0-15 top soil + hrd clay
- 15-124 Coarse sd + gravel
- 124-244 Loose red sd
- 244-330 Strk red clay sd
- 330-378 Hrd blue clay
- 378-392 W/B sd
- 392-433 Blue clay
- 433-490 W/B sd
- 490-553 Blue clay
- 553-591 Gray W/B sd
- 591-595 Strkes Ripa clay
- 595-614 Coarse W/B sd
- 614-620 Dark Coarse sd
- 620-700 Clay hrd tough clay
- 700-705 Hrd clay
- 905 TD

Static w/L = 166'
 Engineers W.C. Wells + J.E. Carruth
 Capacity: 321 to 330 GPM @ 52' ±
 450 gpm



3-11-70
 Could not get tape down well (Carbon pump)
 WTU

