

WELL SCHEDULE

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

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J. A. Callahan Source of data WM. Beaver Date 12-6-66 Map Decatur NE  
 (Hitt, Lang & Boswell 2-18-57)  
 State Miss County 28 (or town) Newton Sequential number: 51  
 Latitude: 32 deg 26 min 16 sec N Longitude: 08 degrees 9 min 06 sec W  
 Lat-long accuracy: 1 T. 7 S, R 12 W, Sec 19, SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$   
 Local well number: G002CH1907N12E Other number: #2 Well B & M  
 Local use: 064 Owner or name: City of Decatur  
 Owner or name: DECATUR Address: Decatur Miss  
 Ownership: County, Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist M  
 Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other U  
 Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) (W) Withdraw, (K) Waste, (L) Destroyed U  
 DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72  
 Hyd. lab. data: 73  
 Qual. water data; type: MSBON Complete 12-2-60 74 C  
 Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77  
 Aperture cards: 78 79  
 Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 320 ft Meas. 320 accuracy Drillers  
 Depth cased: 290 ft Casing type: 290; Diam. 10x6 in  
 Finish: (A) porous concrete, (B) gravel w. concrete, (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other S  
 Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) (H) hyd, (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) driven, (K) drive wash, (L) other H  
 Date Drilled: 7/1951 9:51 Pump intake setting: 30 ft  
 Driller: Layne Central  
 Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) (T) turb, (L) other 7 Deep 0 Shallow 40  
 Power (type): (A) diesel, (B) (elec) gas, (C) gasoline, (D) hand, (E) gas, (F) wind; H.P. 15 U ft above meter no. 41  
 Descrip. MP ft below LSD. Alt. MP 47  
 Alt. LSD: 430 Accuracy: CI 10'  
 Water Level: 80 ft above below MP; Ft below LSD 80 Accuracy: 52  
 Date meas: 7/51 Yield: 751 gpm 53 Method determined 61  
 Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65  
 QUALITY OF WATER DATA: Iron 1.0 Sulfate 4 Chloride 7.0 Hard. 48  
 Sp. Conduct 68 K x 10 Temp. 68 Date sampled D.6.0  
 Taste, color, etc. 77 79

Well No. G 2

Well No. G2

Latitude-longitude 32.26.16<sup>N</sup> 089.06.31<sup>S</sup>  
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HYDROGEOLOGIC CARD

**SAME AS ON MASTER CARD** **Physiographic Province:** 03 **Section:** \_\_\_\_\_

**Drainage Basin:** D **Subbasin:** 13P

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

**MAJOR AQUIFER:** Tertiary system, Eocene series, TE aquifer, formation, group, Wilcox Meridian M:W

**Lithology:** Coarse sand **Origin:** 2 **Aquifer Thickness:** \_\_\_\_\_ ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** 30 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:** \_\_\_\_\_

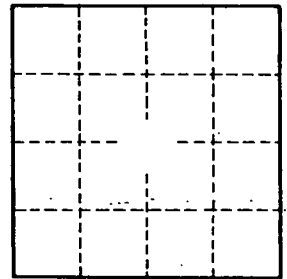
**Depth to basement:** \_\_\_\_\_ ft **Source of data:** \_\_\_\_\_

**Surficial material:** Sandy Clay **Infiltration characteristics:** good

**Coefficient Trans:** \_\_\_\_\_ gpd/ft **Coefficient Storage:** \_\_\_\_\_

**Coefficient Perm:** \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

289' of 10"  
 62' + 8" of 6"  
 20' of 6" shutter screen



Well No.

G2