

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)
April 1966

Well No. DTT

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by JAC BEWASSON Source of data Driller Date 2/25/71 Map 11-6-64

State MISSISSIPPI County WASHINGTON Sequential number 71

Latitude: 33 22 15 N Longitude: 091 044 3 S

Lat-long accuracy: 2 T. 18 S. 9 Sec 10 Irregular (SE, SE, 25) B & M

Local well number: D077 - 1018 N09W Other number: # 8

Local use: 064 N69 29 Owner or name: CITY OF GREENVILLE (Industrial Fill)

Owner or name: GREENVILLE Address: GREENVILLE, MISS.

Ownership: County, Fed Gov't, 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) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other M P Q

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data:

Qual. water data; type: MSB/H

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

Aperture cards: yes no

Log data: driller's log to 605 ft

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 481' w/h. l. a. k. ft Meas. 475 accuracy 6

Depth cased (first perf.): 115 ft Casing type: 415 ; Diam. 16.10 in 16

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other G

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

Date Drilled: 1964 964 Pump intake setting: 964 ft 36 38

Driller: Loyce Central 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 T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 100 Trans. or meter no. 41

Descrip. MP 125 ft above LSD. Alt. MP 3 Accuracy: (source) 3

Water Level 72.20 ft above below MP; Ft. below LSD 72 Accuracy: meas. A

Date meas: 11-17-64 N64 Yield: 1175 gpm 1175 Method Rpt determined 61

Drawdown: 36 ft 36 Accuracy: Reported 6 Pumping period 110 hrs 10

QUALITY OF WATER DATA: Iron 4 ppm Sulfate 66 ppm Chloride 66 ppm Hard. 72 ppm

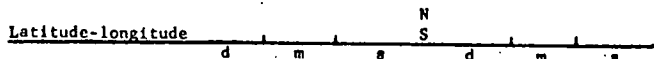
Sp. Conduct 750 K x 10⁶ 4 Temp. 69.5 °F 70 Date sampled 6.6.7

Taste, color, etc. PH 8.5 Field data - Jan 68

DS = 440

Well No.

DTT



HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain 03 Section: MISS RIVER

alluvial Plain E Drainage Basin: 115I Subbasin:

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

MAJOR AQUIFER: Tertiary, Eocene TE Cockfield CI

Lithology: Unconsolidated Sand US Origin: 2 Aquifer Thickness: ft

116 Length of well open to: 60 ft 60 Depth to top of: 360 ft

MINOR AQUIFER: Quart, Pleist Miss River alluvium

Lithology: sd-grl alluv Origin: Fluv Aquifer Thickness: 79 ft

 Length of well open to: 0 ft Depth to top of: 6 ft

Intervals Screened: 410'-470' 60' x 10" shutter SS

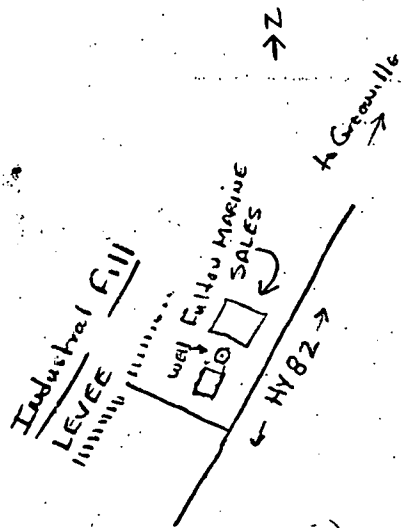
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

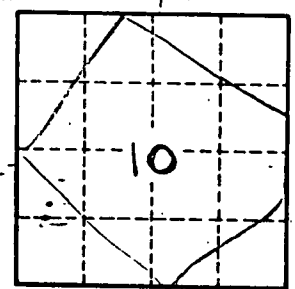
Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft 78.3 Coefficient Storage:

Coefficient Perm: 670 gpd/ft²; Spec cap: 29 gpm/ft; Number of geologic cards:



pumping level 108' @ 75# Irregular Section
11-17-64
0-6 Cl
6-40 sd
40-85 sd+grau.
85-86 Rk
86-95 Hrd cl
95-97 Rk
97-122 Cl
122-130 sd
130-175 cl+sd (strks)
175-220 Sdy cl
220-300 Fine sd+cl
300-360 cl+sd (strks)
360-375 Fine sd
375-476 sd
476-605 Sdy sh.



4'10" of 16" cas
349' of 10" cas

Pump = 1100 gpm capability
PWL - 108 ft @ #75