

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by GFB Source of data _____ Date _____ Map _____

State _____ County (or town) MONTGOMERY _____

Latitude: 33° 39' 28" N Longitude: 089° 43' 30" W Sequential number: 1

Lat-long accuracy: 20' T. 21° N S. R. 50' Sec. 25 SW 1/4 SW 1/4 NE 1/4

Local well number: A008CA2521N05E Other number: Test Hole 21 (TH 21)

Local use: 064 Owner or name: water well A8

Owner or name: U S ARMY Address: Bull 55

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. _____ U

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

Hyd. lab. data: Lab Perm - on back of Bull 55

Qual. water data; type: USGS Partial Bull 55 p. 39

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: Drillers log Bull 55 page 93 (83') _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD TD = 472' Meas. depth 468 ft. accuracy _____

Depth cased: 438 ft. Casing type: _____; Diam. 12x8 in.

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

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

Date Drilled: 9-1-42 942 Pump intake setting: _____ ft. 198

Driller: Layne Central name _____ address _____

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

Power (type): (nat) diesel, elec, gas, (LP) gasoline, hand, gas, wind; H.P. _____ 40 H Trans. or meter no. _____

Descrip. MP _____ 3 ft above _____ LSD, Alt. MP _____

Alt. LSD: 230.71 Accuracy: 231 _____

Water Level: 0.80 ft above MP, +2 ft below LSD Accuracy: _____

Date meas: 042 Yield: flow 18 gpm _____ 200 Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride 44 ppm Hard. _____

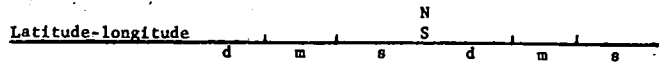
Sp. Conduct _____ K x 10 _____ Temp. 67 °F _____ 67 Date sampled _____ 042

Taste, color, etc. pH = 8.5

PUNCHED and VERIFIED
ROLLA COMPUTATION DIVISION

Well No.

A8



DROGEOLOGIC CARD

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

D Drainage Basin: 156 Subbasin: _____

Character of site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) offshore, pediment, hillside, terrace, undulating, valley flat. TE

OR IFER: TE system series Holly Springs aquifer, formation, group 770

ology: S Origin: 2 Aquifer Thickness: _____ ft

93 Length of well open to: _____ ft 31 Depth to top of: _____ ft 366

OR IFER: _____ system series _____ aquifer, formation, group _____

ology: _____ Origin: _____ Aquifer Thickness: _____ ft

30'8" Length of well open to: _____ ft _____ Depth to top of: _____ ft _____

Screening: 30'8" of 8 inch No. 7 Armo screen

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

Depth to cement: _____ ft _____ Source of data: _____

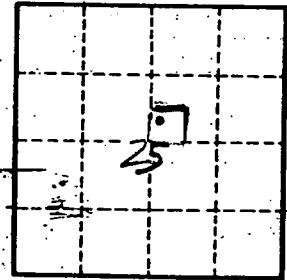
Efficiency: _____ Infiltration characteristics: _____

Specific storage: 19925 gpd/ft 0.0021(A9) Coefficient Storage: _____

Specific capacity: 195 gpd/ft²; Spec cap: 8.4 gpm/ft; Number of geologic cards: _____

Pumping Test A8-A9 (obs well)

- all a hatu
- Basic City Shale 14-65 A
- Meridian member 65-129
- Wilcox
- undifferentiated 129-366
- basal sd, Holly Springs 366-459
- Ackerman 459-503



Depth	Lab. Perm.
62-82	616
04-126	1700
406-428	381
428-450	454
750-471	486

Well No. A8