FORM 9-1642
(1-68)

Well No. A10

WELL SCHEDULE

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

MASTER CARD

Record by GFB Source of data ____ Date ____ Map ____

State 28 County (or town) Montgomery 49

Latitude: 334031 N Longitude: 0894343 Sequential number: 1

Lat-long accuracy: 2 T. 21 N, R. 5 E, Sec 24, NW ¼, NE ¼, NW ¼

Local well number: A010AB2421N05E Other number: test hole #19 (B & M)

Local use: 064 Owner or name: Water well A10

Owner or name: U S ARMY Address: ____

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — F

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — U

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

Hyd. lab. data: ____

Qual. water data; type: ____

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

Aperture cards: ____ yes

Log data: Drillers log Bul. 55 p. 91 — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD = 179' 175 ft Meas. rept accuracy 3

Depth cased (first perf.): 125 ft Casing type: ____; Diam. 18x12 in 18

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

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

Date Drilled: Aug 28, 1964 942 Pump intake setting: ____ ft 106

Driller: Layne Central (name), ____ (address)

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

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

Descrip. MP top of small casing (MP #1), 2.00 ft above LSD, Alt. MP ____

Alt. LSD: 224.86 225 Accuracy: (source) 1

Water Level 20.0 ft above/below MP, Ft above/below LSD 20 Accuracy: A

Date meas: 842 Yield: 350 gpm Method determined ____

Drawdown: ____ ft Accuracy: ____ Pumping period ____ hrs

QUALITY OF WATER DATA: Iron 3.2 ppm Sulfate ____ ppm Chloride ____ ppm Hard. ____ ppm

Sp. Conduct ____ K x 10⁶ Temp. 64.5 °F 64 Date sampled 842

Taste, color, etc. free CO_2 = 42 ppm pH: 6.8

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

Well No. A10

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Latitude-longitude d m s N S d m s

DROGEOLOGIC CARD

SAME AS ON MASTER CARD (19) Physiographic Province: 03 (20 21) Section:

D (22) Drainage Basin: 156 (23 25) Subbasin: (26)

(D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp,
(◊) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

o of l site: (27)

OR IFER: system, series TE (28 29) aquifer, formation, group MM (30 31)

hology: (32 33) Origin: (34) Aquifer Thickness: ft

55' sd
3' clay
89' sd

89 (37) Length of well open to: ft 50 (38 40) Depth to top of: ft 90 (41 43)

OR IFER: system, series (44 45) aquifer, formation, group (46 47)

hology: (48 49) Origin: (50) Aquifer Thickness: ft

(53) Length of well open to: ft (54 56) Depth to top of: ft (57 59)

ervals eened: 125 - 175 ft

h to olidated rock: ft (60 63) Source of data: (64)

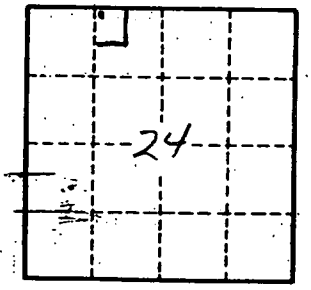
h to ment: ft (65 68) Source of data: (69)

icial rial: (70 71) Infiltration characteristics: (72)

ficient s: gpd/ft (73 75) Coefficient Storage: (76 78)

ficient : gpd/ft²; Spec cap: 17.9 gpm/ft; Number of geologic cards: (79)

soil 0 - 10 ft
allahatta: Clay 10 - 32 ft
Meridian sd member 32 - 179 ft
nd diff. upper Wilcox series 179 - 368 ft
Holly Springs Fm 368 - 446 ft
Ackerman 446 - 515 ft



Depth	Lab. Perm.
-63	1085
-85	2040
-106	632 (clay & f. sd)
-150	1205
-[illegible]	1330
-302	422
-322	492
-343	444
-364	444

Well No. A10

GPO 937-142