FORM 9-1642
(1-68)

Well No. A3

WELL SCHEDULE

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

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by GFB | Source of data | Date | Map

State | 28 | County (or town) MONTGOMERY | 49

Latitude: 33 40 13 N | Longitude: 091 44 21 | Sequential number: 1

Lat-long accuracy: 2 | T. 21 N, R 5 W, Sec 23, NE ¼, SW ¼, NE ¼

Local well number: A003CA232 | N05E | Other number: test hole #12 B&M Water well A3 (closest)

Local use: 064 | Owner or name:

Owner or name: U S ARMY | Address: CAMP McCAIN

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.: | Field aquifer char.

Hyd. lab. data:

Qual. water data; type: MSBOH Sept 7, 1942 — P

Freq. sampling: | Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: Driller's log to 449' ✓472 TH 7/14 TH 7/12 — D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: TD=434 w/tailpipe ft | 430 Meas. rept | accuracy 3

Depth cased: (first perf.) ft | 405 | Casing type: | Diam. 12x8 in | 12

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

Date Drilled: 6-42 | 942 | Pump intake setting: ft | 198

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 — T | Deep | Shallow

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

Descrip. MP: top of air line, which is 3.2 ft above / below LSD, Alt. MP

Alt. LSD: 2337.0 | 234 | Accuracy: (source) | 1

Water Level: -2.11 ft above / below MP; Ft above / below LSD | +1 | Accuracy: | A

Date meas: | 842 | Yield: gpm | 250 | Method determined

Drawdown: @ 285 gpm ft | 50 | Accuracy: | Pumping period hrs

QUALITY OF WATER DATA: Iron 0 ppm | Sulfate — ppm | Chloride — ppm | Hard. 27 ppm

Sp. Conduct K x 10^6 | Temp. °F | 67 | Date sampled | 842

Taste, color, etc. pH = 8.6

Well No. A3

Well No. 115

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,
o of l site: (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ [27]

OR IFER: ____ system, ____ series [TE] [28 29] "Holly Springs" aquifer, formation, group [TW] [30 31]

hology: ____ [S] [32 33] Origin: ____ [2] [34] Aquifer Thickness: ____ ft

[23] [37] Length of well open to: ____ ft [25] [38 40] Depth to top of: ____ ft [308] [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: 405 - 430 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]

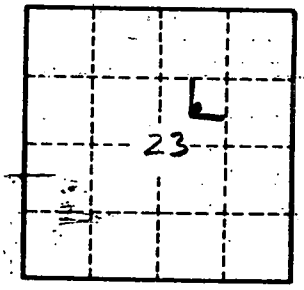
ficient : ____ gpd/ft^2; Spec cap: ① 7.5 gpm/ft; Number of geologic cards: ____ [79]

② 4.1 gpm/ft

MP (3.2' above GL)

Aug 28, 1942 -2.11'

Oct 1942 -3.60



Well No.

A3

GPO 937-142