

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: 33 38 55 N Longitude: 08 94 30 4 Sequential number: 1

Lat-long accuracy: 2 T, 21 N, 50 S, R, 25 W, Sec 25, NW, SE, SE

Local well number: A009DD2521NO5E Other number: test hole #15 (TH15)

Local use: 064 Owner or name: water well A9

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 Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: U

Use of well: 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: _____

Qual. water data; type: USGS Sept 7, 1942

Freq. sampling: Pumpage inventory: no. period: _____

Aperture cards: _____

Log data: Drill log Bull 55 page 87-89 (726A)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 457' ft 453 Meas. 3

Depth cased: _____ ft 373 Casing type: _____; Diam. 12x8 in 12

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

Method Drilled: air bored, cable, dug, hyd jetted, rot., air percussion, reverse rotary, trenching, drive wash, other H

Date Drilled: June 8, 1942 942 Pump intake setting: _____ ft 198

Driller: Louise Central

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 30 Trans. or meter no. _____

Descrip. MP Concrete pump base, 3.2 ft above below LSD, alt. MP _____

Alt. LSD: 231.6 232 Accuracy: _____

Water Level: -1.4 ft above below MP; Ft above below LSD +2 Accuracy: _____

Date meas: 842 Yield: _____ gpm 200 Method determined _____

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

QUALITY OF WATER DATA: Iron 0.07 ppm Sulfate 3.4 ppm Chloride 7.2 ppm Hard. 4 ppm

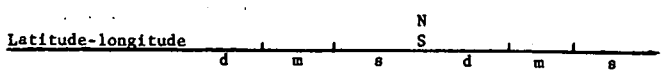
Sp. Conduct 66 K x 10 Temp. 66 °F Date sampled 842

Taste, color, etc. pH = 8.6

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

A9



DROGEOLOGIC CARD

NAME AS ON MASTER CARD: Physiographic Province: 03 Section: Drainage Basin: D 156 Subbasin: 26

Characteristics: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

OR HYPER: system series T E Holly Springs aquifer, formation, group T W

ology: Length of well open to: 00 ft 35 Origin: 2 Aquifer Thickness: 357 ft Depth to top of: 80 ft

OR HYPER: system series aquifer, formation, group Aquifer Thickness: ft Depth to top of: ft

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

Intervals screened: 373 - 453 ft 80 ft of 8-inch Armo screen

Depth to consolidated rock: ft Source of data: 64

Depth to cement: ft Source of data: 69

Hydraulic characteristics: Infiltration characteristics: 72

Efficient storage: 14007 gpd/ft Coefficient Storage: 0.00021

Efficient yield: 140 gpd/ft²; Spec cap: 9.7 gpm/ft; Number of geologic cards: 11

Tallahatta Form, Claiborne series 41-120 ft
Undifferentiated upper Wilcox series 120-284
Basal sd member Holly Springs 284-457
Ackerman 457-726

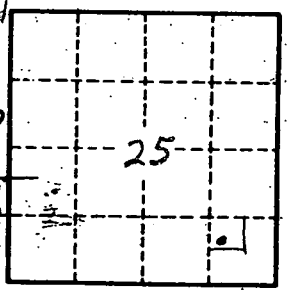


Table with 2 columns: Depth and Lab. Perm. Values range from 301 to 661 depth and 686 to 523 perm.

70' sd
3' shale
100' sd

Well No.