

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD BEW 10-18-67

Record by J. C. HAMMERER of data J. G. FOR TENDER 9-1944 Map

State Miss County Hinds (or town) 2.5

Latitude: 32¹⁸12^N Longitude: 090¹¹36^W Sequential number: 1

Lat-long accuracy: 1⁰ T. 5 S. R. 1 W. Sec 4 NE SW

Local well number: N139 A C O 4 0 5 N O 1 E Other number: 146 B & M

Local use: 146 Owner or name: Miss Cotton

Owner or name: MISS COTTON FIL Address: Ballaton, Miss

Ownership: County, Fed Gov't, City, (N) Corp or Co, Private, State Agency, Water Dist N

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

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: Discont N Field aquifer char. Y

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no, period: 76

Aperture cards: 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 73.4 ft Meas. rept 6

Depth cased; (first perf.): 69.4 ft Casing type: 1.0 in Diam. 1.0 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horz. gallery, end, (S) perf., screen, sd. pt., shored, open hole, other 5

Method Drilled: (A) air bored, cable, dug, hyd, jetted, air reverse, (R) reverse, trenching, driven, drive wash, other 4

Date Drilled: 9-1944 944 Pump intake setting: 36 ft 38

Driller: Loyd name address Deep Shallow

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

Power (type): H.P. nat LP Trans. or meter no. 79

Descrip. MP top of N.H. 100' 1.30 ft above below LSD. Alt. MP 79

Alt. LSD: 282.1 78.2 Accuracy: (source) 1

Water Level: 12.1 ft above below MP; Ft below LSD Accuracy: A

Date meas: 6-28-44 6.44 Yield: 2.47 gpm Method determined 61

Drawdown: 62 ft Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron 69 ppm Sulfate 70 ppm Chloride 71 ppm Hard. 72

Sp. Conduct 73 K x 10⁶ Temp. 74 °F Date sampled 77 79

Taste, color, etc. 79

TRANSMITTED FOR ADP

Well No.

Well No. N139

Latitude-longitude 32 18 12 ^N 090 11 36
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD ¹⁹ 03 Physiographic Province: 03 Section: _____

²² D Drainage Basin: 137 ^{23 25} Subbasin: _____ ²⁶

(D) (C) (E) (F) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
 well site: (Ø) (P) (S) (T) (U) (V) _____ ²⁷
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR
 AQUIFER: _____ system, _____ series TE ^{28 29} _____ aquifer, formation, group SS ^{30 31}
 _____ Aquifer

Lithology: _____ ^{32 33} US Origin: _____ ³⁴ 3 Thickness: _____ ft

^{35 37} _____ Length of well open to: _____ ft ^{38 40} _____ Depth to top of: _____ ft ^{41 43} _____

MINOR
 AQUIFER: _____ system, _____ series _____ ^{44 45} _____ aquifer, formation, group _____ ^{46 47}
 _____ Aquifer

Lithology: _____ ^{48 49} _____ Origin: _____ ⁵⁰ _____ Thickness: _____ ft

^{51 53} _____ Length of well open to: _____ ft ^{54 56} _____ Depth to top of: _____ ft ^{57 59} _____

Intervals Screened: 694-734

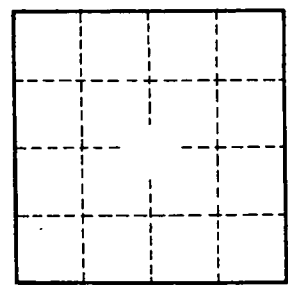
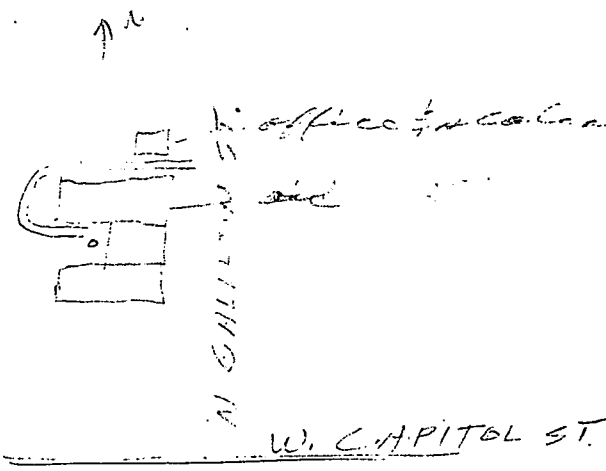
Depth to consolidated rock: _____ ft ^{60 63} _____ Source of data: _____ ⁶⁴

Depth to basement: _____ ft ^{65 68} _____ Source of data: _____ ⁶⁹

Surficial material: _____ ^{70 71} _____ Infiltration characteristics: _____ ⁷²

Coefficient Trans: _____ gpd/ft ^{73 75} 303 Coefficient Storage: .00004 ^{76 78} 406

Coefficient Perm: 460 gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ ⁷⁹



Well No. N139