FORM 9-1642
(1-68)

Well No. E 5

WELL SCHEDULE

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

PUNCHED
OCT 11 1973

MASTER CARD

Record by EH | Source of data — | Date 8-24-54 | Map Horn Lake

State MISS [28] | County (or town) TUNICA [72]

Latitude: 34 45 30 N | Longitude: 090 12 20 | Sequential number: 1

Lat-long accuracy: 3 | T 4 S | R 10 W | Sec 1, ¼, SE ¼, SE ¼ | B & M

Local well number: E 005 D DO1 04 S 10 W | Other number:

Local use: 064 | Owner or name: Hussey Cotton Co

Owner or name: | Address:

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — [67] P

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 — [68] I

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. — [69] W

DATA AVAILABLE: Well data [70] | Freq. W/L meas.: — [71] Ø | Field aquifer char. [72]

Hyd. lab. data: [73]

Qual. water data; type: [74]

Freq. sampling: [75] | Pumpage inventory: yes / no, period: [76]

Aperture cards: yes [77]

Log data: [78] [79]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD [1–19] | Depth well: 111 ft [20–23] 1111 | Meas. rept accuracy [24] 6

Depth cased: (first perf.) 61 ft [25–28] 61 | Casing type: ; Diam. 16 5/12 in [29–30] 16

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 [31] S

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 [32] H

Date Drilled: [33–35] 954 | Pump intake setting: ft [36–38]

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 [39] T | Deep | Shallow [40]

Power (type): diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. 40 [41] V | Trans. or meter no.

Descrip. MP Top of Casing 1.0 ft (above) below LSD, Alt. MP

Alt. LSD: [42–45] | Accuracy: (source) [47]

Water Level 18 ft (above) below MP; Ft (above) below LSD [48–51] 17 | Accuracy: [52] A

Date meas: 7-1-54 [53–55] 754 | Yield: 1697 gpm [56–60] 1700 | Method determined [61]

Drawdown: ft [62–64] | Accuracy: [65] | Pumping period hrs [66–68]

QUALITY OF WATER DATA: Iron ppm [69] | Sulfate ppm [70] | Chloride ppm [71] | Hard. ppm [77]

Sp. Conduct K x 10^6 [73] | Temp. °F [74–76] | Date sampled [77–79]

Taste, color, etc.

Well No.

Well No. _____

Latitude-longitude _____ N S
d m s d m s

HYDROGEOLOGIC CARD

PUNCHED

SAME AS ON MASTER CARD (1–19)

Physiographic Province: _____ 03 (20–21) Section: _____

OCT 11 1973

Drainage Basin: _____ 15E (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series QG (28–29) _____ aquifer, formation, group MA (30–31)

Lithology: _____ R (32–33) Origin: _____ 2 (34) Aquifer 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)

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: _____

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) Coefficient Storage: _____ (76–78)

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

Well No. _____

E5