

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

PUNCHED
WATER RESOURCES DIVISION

DEC 10 1974

MASTER CARD

Record by (J. Bettendorf) Source of data Arb. Date _____ Map Horn Lake Quad

State MISS 28 County (or town) Desoto 17

Latitude: 345544 N Longitude: 0901231 Sequential number: 1

Lat-long accuracy: 3 T. 2 S. R. 10 Sec. 12 SW NE

Local well number: F020CA1202S10W Other number: _____ B & M

Local use: 064 Owner or name: Dunbar Abston

Owner or name: DUNBAR ABSTON Address: Memphis

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, (I) Irr., Med, Ind, P S, Rec, water: _____ I

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____ I

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

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char. _____ 72

Hyd. lab. data: _____ 73

Qual. water data; type: _____ 74

Freq. sampling: _____ Pumpage inventory: yes no; period: _____ 76

Aperture cards: _____ yes no _____ 77

Log data: _____ 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 112 ft 112 Meas. rept accuracy _____ 24 6

Depth cased; (first perf.): 62 ft 62 Casing type: _____; Diam. 16 to 12 in _____ 29 30 12

Finish: porous concrete, gravel w. (perf.), (screen), (H) gravel w. horiz. gallery, end, (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other _____ 31 S

Method Drilled: air rot, (A) bored, (B) cable, (C) dug, (D) hyd rot, (H) jetted, (J) air percussion, (P) reverse rotary, (R) trenching, (T) driven, (V) drive wash, (W) other _____ 32 H

Date Drilled: 4/6-55 955 Pump intake setting: _____ ft _____ 36 38

Driller: Layne Central ?

Lift (type): air, bucket, cent, jet, (A) multiple, (B) multiple, (C) multiple, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other _____ 39 T Deep _____ 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ 40 Trans. or meter no. _____ V

Descrip. MP Top of casing _____ 40 ft below LSD, Alt. MP _____ 41

Alt. LSD: _____ Accuracy: (source) _____ 47

Water Level 18.5 ft above _____ MP; Ft below LSD _____ 18 Accuracy: _____ 52 G

Date meas: _____ 455 Yield: _____ gpm _____ 53 55 Method determined _____ 61

Drawdown: _____ ft _____ Accuracy: _____ 50 Pumping period _____ hrs _____ 56 58

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

Sp. Conduct _____ K x 10⁶ _____ 73 Temp. _____ °F _____ 74 76 Date sampled _____ 77 79

Taste, color, etc. _____

Well No.

Well No. E 20

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

E Drainage Basin: 15E Subbasin:

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

MAJOR AQUIFER: system series 06 aquifer, formation, group MA

Lithology: R Origin: 2 Aquifer Thickness: ft

Length of well open to: ft Depth to top of: 62 ft

MINOR AQUIFER: system series aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

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

Intervals Screened:

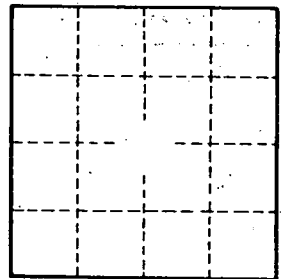
Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

Surficial material: Infiltration characteristics:

Coefficient Trans: gpd/ft Coefficient Storage:

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



Well No.