FORM 9-1642
(1-68)

Well No. E-12 APR 4 1975

WELL SCHEDULE

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

RECEIVED

MASTER CARD

Record by E. H. Boswell / G. S. Dalsin Source of data Mr. FLEMING Date 4-13-54 2-10-71 Map AUTER 15'

State MISS. 28 County (or town) HUMPHREYS 27

Latitude: 33 07 32 N (deg 7 min 9 sec 11 S) Longitude: 090 34 15 (12 degrees 15 min sec 18) Sequential number: 1

Lat-long accuracy: 3 T. 15 N S, R 4 E W, Sec 24, CENTER ¼, ¼, SW ¼ B & M

Local well number: E 01 2 C 24 15 N 04 W Other number:

Local use: 002 Owner or name:

Owner or name: D K THOMPSON Address: BELZONI, MISS.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — 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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Z) Other — 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. — W

DATA AVAILABLE: Well data 6. Freq. W/L meas.: Ø Field aquifer char.

Hyd. lab. data:

Qual. water data; type: U.S.G.S. 7-21-61 — C

Freq. sampling: Ø Pumpage inventory: yes (no) period:

Aperture cards: yes

Log data: 8

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 131 ft 131 Meas. rept accuracy — 3

Depth cased: (first perf.) ft 081 Casing type: STEEL; Diam. 16 in — 16

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

Date Drilled: 954 Pump intake setting: ft

Driller: CARLOSS WELL CO. (name), MEMPHIS, TENN. (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 — M; Deep (D) Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. — 2 Trans. or meter no.

Descrip. MP TOP CASING 1 ft above (below) LSD, Alt. MP 132

Alt. LSD: 131 Accuracy: (source) TOPO — 3

Water Level 15 ft above (below) MP; Ft above (below) LSD 1 Accuracy: — 1

Date meas: 254 Yield: gpm 7000 Method determined — 2

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. 198 ppm — 5

Sp. Conduct 480 K x 10^6 3 Temp. 67 °F 67 Date sampled 7 6 5

Taste, color, etc. IRON TASTE CLEAR

Well No. E-12

Well No. E 12

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

E (22) Drainage Basin: 15A (23–25) Subbasin: (26)

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

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

Lithology: SR (32–33) Origin: FLUVIAL 2 (34) Aquifer Thickness: ft

Length of well open to: 91 (35–37) ft Depth to top of: 50 (38–40) ft 40 (41–43)

MINOR AQUIFER: (system), (series) (44–45) (aquifer, formation, group) (46–47)

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

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

Intervals Screened:

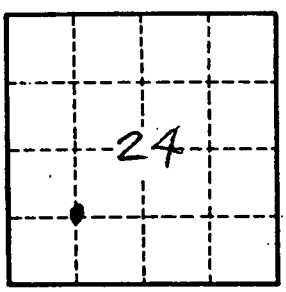
Depth to consolidated rock: Unknown ft (60–63) Source of data: (64)

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. E 12

GPO 937-142