WRD Exp. (GW)
April 1966

Well No. M1

WELL SCHEDULE

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

MASTER CARD

Record by J. Harrell Source of data Bowe Date 8/5/68 Map

State 28 (1–2) County (or town) Leake 40 (3–4)

Latitude: 32 43 31 N (5–11) deg 7 min 9 sec 11 S Longitude: 0 09 22 27 (12–18) degrees 15 min sec 18 Sequential number: 1 (19)

Lat-long accuracy: 5 (20) T. 10 (N) S, R 9 (E) W, Sec 9, ___ ¼, ___ ¼, ___ ¼ B & M

Local well number: M001 (21–25) 09 10N 09E (30–34) Other number:

Local use: 0 96 (33–40) Owner or name:

Owner or name: FREDDIE WILCHER (52–66) Address: Carthage

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 H

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) 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.: Φ (71) 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: D (78–79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: ___ ft 68 (20–23) Meas. rept accuracy 3 (24)

Depth cased: (first perf.) ___ ft 63 (25–28) Casing type: ___; Diam. 2 in 2 (29–30)

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

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 (32)

Date Drilled: 8/60 960 (33–35) Pump intake setting: ___ ft (36–38)

Driller: ___ (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) Deep / Shallow D (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ___ (41) Trans. or meter no.

Descrip. MP ___ ft above/below LSD. Alt. MP ___

Alt. LSD: ___ (42–45) Accuracy: (source) ___ 47

Water Level 50 ft above/below MP; Ft above/below LSD 50 (46–51) Accuracy: ___ 52 D

Date meas: 8/60 (53–55) Yield: 5 gpm (56–60) 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 (72)

Sp. Conduct ___ K x 10^6 (73) Temp. ___ °F (74–76) Date sampled ___ (77–79)

Taste, color, etc.

Well No.

Well No. M1

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: ____

____ D (22) Drainage Basin: ____ 13T (23–25) Subbasin: ____ (26)

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

MAJOR AQUIFER: ____ system, ____ series, TE (28–29) ____ aquifer, formation, group SS (30–31)

Lithology: ____ US (32–33) Origin: ____ 2 (34) Aquifer Thickness: ≥18 ft

(35–37) Length of well open to: ____ ft 5 (38–40) Depth to top of: ____ ft 50 (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: 1¼" 80 Ga.

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

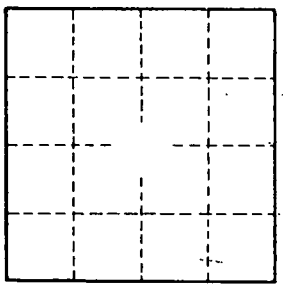
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

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)

11 miles E. of Carthage



Well No. 13

GPO 857-700