Well No. M 84

WELL SCHEDULE

GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

... OF THE INTERIOR

... of Mauvela

MAH — Source of data: BOWC — Date: 3/4/75 — Map:

County (or town): George — 28 — 20

3045 1 CN N/S — Longitude: 0883050 — Sequential number:

T 3 (S) R 5 (W) Sec 30, SE ¼, SE ¼, SE ¼ — B & M

M084DD3003S05W — Other number:

245 — Owner or name:

V R MCDONALD — Address: R-1, Lucedale, MS

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

(A) ... (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — 68 H

(A) ... (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

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

73 [ ]

... type: — 74 [ ]

[ ] 75 — Pumpage inventory: yes / no, period: — 76 [ ]

yes 77 [ ]

D 78 79

WELL DESCRIPTION CARD

... ON MASTER CARD 19 — Depth well: 175 ft (20–23) — Meas. rept accuracy — 24 3

... cased ... 170 ft (25–28) — Casing type: PVC; Diam. 2 in (29–30)

(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

(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

975 (33–35) — Pump intake setting: ft (36–38)

Driller: Griffin Well Co. (name), address

(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 J — Deep / Shallow 40

diesel, (elec), nat gas, gasoline, hand, LP gas, wind; H.P. 1 — 41 S — Trans. or meter no.

... MP ft above/below LSD, Alt. MP

[ ] 42–45 — Accuracy: (source) — 47 [ ]

ft above/below MP; Ft above/(below) LSD 69 (48–51) — Accuracy: — 52 D

53 275 55 — Yield: gpm 10 (56–60) — Method determined 61

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

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

... color, etc.

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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: 13R (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TM (28–29) aquifer, formation, group MZ (30–31)

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: 15 ft

(35–37) Length of well open to: ft (38–40) 5 Depth to top of: ft 160 (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)

30

X

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