FORM 9-1642
(1-68)

Well No. M87

APR 30 1975

PUNCHED

WELL SCHEDULE

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

MASTER CARD

Record by: Q Source of data: Bowc Date: 9/73 Map:

State: MISS [2 8] (1, 2) County (or town): Laudordale [3 8]

Latitude: [3 2 2 0 1 0 N] (5 deg, 7 min, 9 sec, 11 N/S) Longitude: [0 8 8 4 3 0 0] (12 degrees, 15 min, 18 sec) Sequential number: [ ] 19

Lat-long accuracy: [4] 20 T. 6 S, R. 15 W, Sec. 25, ___ ¼, SW ¼, NE ¼ B & M

Local well number: [M 0 8 7 C A 2 5 0 6 N 1 5 E] (21–34) Other number:

Local use: [0 0 8] (35–51) Owner or name:

Owner or name: [R O N A L D G O U G H] (52–66) Address:

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

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 [H] 68

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. [W] 69

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

Structure cards: yes [ ] 77

Log data: [D] 78 79

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] (1–19) Depth well: ___ ft [3 8 0] (20–23) Meas. rept accuracy [3] 24

Depth cased (first perf.): ___ ft [2 6 2] (25–28) Casing type: ___; Diam. ___ in [4] 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 [X] 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: 8-24-73 [9 7 3] (33–35) Pump intake setting: ___ ft (36–38)

Driller: McDonald-Hill (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 [ ] 40

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 3/4 [S] 41 Trans. or meter no.

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

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

Water Level ___ ft above/below MP; Ft above/below LSD [2 1 0] (48–51) Accuracy: ___ 52 [D]

Date meas.: [8 7 3] 53–55 Yield: ___ gpm [4] (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.

U.S. G.P.O. 1972/720-793/96/1303

Well No. _____

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: _____ 13P (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, TE (28–29) _____ aquifer, formation, group TW (30–31)

Lithology: _____ S (32–33) Origin: _____ 6 (34) Aquifer Thickness: 50 ft

(35–37) Length of well open to: _____ ft (38–40) Depth to top of: _____ ft 330 (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.

GPO 937-142