FORM 9-1642
(1-68)

Well No. U 84

PUNCHED
JAN 0 8 1975

WELL SCHEDULE

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

MASTER CARD

Record by J.C.M. Source of data BOWC Date 3-73 Map

State 28 (1 2) County (or town) Pearl River 55 (3 4)

Latitude: 30 35 50 N (5 deg 7 min 9 sec 11) Longitude: 089 39 19 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 5 (70) T 5 S R 17 W, Sec 24, ¼, ¼, ¼ B & M

Local well number: U 08 4 (31 25) 24 05 S 17 W (30 34) Other number:

Local use: 074 (35 40 45 51) Owner or name:

Owner or name: ELMORE GARCHE (52 56 61 66) Address: Picayune

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, (O) 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.: Ø (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 195 (20 23) Meas. rept accuracy 3 (24)

Depth cased: (first perf.) ft 190 (25 28) Casing type: Galv ; Diam. in 2 (29 30)

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 — 5 (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: 9 7 3 (33 35) Pump intake setting: ft (36 38)

Driller: Neil Lumpkin (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 — J (39) Deep / Shallow (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1 — 5 (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 84 (48 51) Accuracy: D (52)

Date meas: 3 7 3 (53 55) Yield: gpm 1 1 (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. x 10⁶ (73) Temp. °F (74 76) Date sampled (77 79)

Taste, color, etc.

Well No. 1 U 84

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: _____ [0 3] (20–21) Section: _____

_____ [D] (22) Drainage Basin: _____ [1 3 V] (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 [T M] (28–29) _____ aquifer, formation, group [M Z] (30–31)

Lithology: _____ [U S] (32–33) Origin: _____ [3] (34) Aquifer Thickness: 45 ft

[ ] (35–37) Length of well open to: _____ ft [5] (38–40) Depth to top of: _____ ft [1 5 0] (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: 2" SS.

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)

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Well No. 1: 1984

GPO 937-142