FORM 9-1642
(1-68)

Well No. E 25

# WELL SCHEDULE

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

PUNCHED
DEC 10 1974

MASTER CARD (Delta-North)

Record by GF Brown  Source of data Mrs JC Brantle  Date 7-15-39  Map Horn Lake

State Miss [28]  County (or town) Desoto [17]

Latitude: 34 54 09 N S  Longitude: 090 12 57  Sequential number: 1

Lat-long accuracy: 3  T 2 S N  R 10 E W  Sec 24, ¼, NW ¼, NE ¼  B & M

Local well number: E025RA24027S10W  Other number:

Local use:  Owner or name: Mrs J.C. Brantley

Owner or name: JC BRANTLEY  Address: Lake Cormorant

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) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other  [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.  [W]

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory: yes no  period:

Aperture cards: yes

Log data:

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD  Depth well: ft 1460  Meas. rept  [6]

Depth cased (first perf.) ft  Casing type:  Diam. 2½ in  [2]

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]

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:  Pump intake setting: ft

Driller: E S Archer (name), Deceased (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  [P]  Deep  Shallow

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

Descrip. MP Top of well casing 3.0 ft above/below LSD, Alt. MP 215

Alt. LSD: 211.88  Accuracy (source):  [0]

Water Level 16 ft above/below MP; Ft above/below LSD  Accuracy:  [A]

Date meas: 7 3 9  Yield: gpm  Method determined

Drawdown: ft  Accuracy:  Pumping period hrs

QUALITY OF WATER DATA: Iron ppm  Sulfate ppm  Chloride ppm  Hard. ppm

Sp. Conduct K x 10⁶  Temp. °F  Date sampled

Taste, 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:

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

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

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

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

(35–37) Length of well open to: ft 20 (38–40) Depth to top of: ft (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)

Had 25 psi of pressure when drilled
flowed 140 gpm

Well No.

GPO 937-142