Tupelo

April 1966

Well No. H 85

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by J. Harrell Source of data Bo[illegible] Date 8/14/68 Map

State [28] County (or town) Leo [41]

Latitude: 34 18 50 N (deg 7, min 9, sec 11) Longitude: 088 41 00 (12 degrees, 15 min, 18 sec) Sequential number: 1 (19)

Lat-long accuracy: 4 (20) T. 9 N R 6 W, Sec 9, ¼, ¼, ¼

Local well number: H 085 0909506E (21–34) Other number: B & M

Local use: 027 (35–51) Owner or name:

Owner or name: J W WEBB (52–66) Address: Belden

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, (Ø) 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 [400] (20–23) Meas. rept accuracy [3] (24)

Depth cased (first perf.) ft [168] (25–28) Casing type: Steel; Diam. 6 in [6] (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 [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: [68] (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. 2 [T] (41) Trans. or meter no.

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

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

Water Level 187 ft above/below MP; Ft (above)/below LSD [187] (48–51) Accuracy: [D] (52)

Date meas. [68] (53–55) Yield: 40 gpm [40] (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.

H 85

Well No. 1185

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: 13C (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 (28–29) aquifer, formation, group (30–31)

Lithology: (32–33) Origin: (34) Aquifer Thickness: 137 ft

(35–37) Length of well open to: ft (38–40) 60 Depth to top of: ft (41–43) 261

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: 411

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)

6 miles N/E

Well No. 1185

GPO 857-700