PUNCHED
OCT 20 1975

FORM 9-1642
(1-68)

Well No. L 46

WELL SCHEDULE

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

4 mi W of Derby

MASTER CARD

Record by MAH Source of data Bowie Date 9/8/75 Map

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

Latitude: 30 46 30 N (5-11) Longitude: 089 35 30 (12-18) Sequential number: 1 (19)

Lat-long accuracy: 5 (20) T. 3 S R. 16 W Sec. 19, ¼, ¼, ¼

Local well number: L 46 (21-25) 19 03S 16W (26-34) Other number: T. & M.

Local use: 359 (35-51) Owner or name:

Owner or name: EVELL HITT (52-66) Address: RR, Poplarville, Ms.

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, (Z) Desal-other, 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.: D (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 385 (20-23) Meas. rept accuracy 3 (24)

Depth cased: (first perf.) ft 375 (25-28) Casing type: PVC; Diam. 4 in (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other, (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 75 (33-35) Pump intake setting: ft (36-38)

Driller: Lumpkin Well Serv. (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. Owner (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 75 (48-51) Accuracy: D (52)

Date meas: 6 75 (53-55) Yield: gpm (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. L 46

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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: ______ 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, (0) 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: ______ (32–33) Origin: ______ (34) Aquifer Thickness: ______ ft

5 0 (35–37) Length of well open to: ______ ft 1 0 (38–40) Depth to top of: ______ ft 3 3 5 (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)

MSBoH anal. 10/21/81
pH - 6.5 (lab.)
Fe = 5.5 (lab.)
CO_2 = 36

19

Well No. 646

GPO 937-142