PUNCHED JUN 10 1975

FORM 9-1642 (1-68)

Well No. D53

WELL SCHEDULE

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

MASTER CARD

Record by Sal | Source of data Drillers log | Date 12/74 | Map Schlater 15' 1961

State Miss [28] | County (or town) Leflore [42]

Latitude: 33 19 39 N [1–11] | Longitude: 090 20 38 [12–18] | Sequential number: 2 [19]

Lat-long accuracy: 2 [20] | T 21 N, R 1 W | Sec 30 | NE ¼, NW ¼, ¼, ¼ | B & M

Local well number: D053AB3021N01W [25–34] | Other number:

Local use: [35–51] | Owner or name:

Owner or name: W. M. WHITTINGTON [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) P S, (P) Ind, (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: [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: Drillers [78–79] D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD [1–19] | Depth well: 1051 ft [20–23] | Meas. rept accuracy: Drillers [24] 3

Depth cased (first perf.): 999 ft [25–28] 9999 | Casing type: steel; Diam. 3 in [29–30] 03

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) 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: 8/15/42 [33–35] 942 | Pump intake setting: ft [36–38]

Driller: Journey (name), Greenwood (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 — N [39] | Deep / Shallow [40]

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

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

Alt. LSD: 135 [42–45] 135 | Accuracy (source): tape [47] 3

Water Level: +20 ft above/below MP; Ft above/below LSD [48–51] +20 | Accuracy: [52] G

Date meas: 8/42 [53–55] 8 42 | Yield: 65 gpm [56–60] 65 | 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. D53

Well No. DS2

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:

E (22) Drainage Basin: 1 5 H (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) V

MAJOR AQUIFER: system, series T E (28–29) aquifer, formation, group M W (30–31)

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

3 3 (35–37) Length of well open to: ft 3 3 (38–40) Depth to top of: 999 ft 9 9 9 (41–44)

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. DS2

GPO 937-142