FORM 9-1642
(1-68)

Well No. C17

WELL SCHEDULE

PUNCHED

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

MASTER CARD

Record by VM Foster (Fee) Source of data — Date 5-15-40 Map

State 28 County (or town) Oktibbeha 53

Latitude: 33 27 50 N (deg min sec) Longitude: 088 48 42 (degrees min sec) Sequential number: 1

Lat-long accuracy: 3 T 19 S, R 14 W, Sec 34, ¼, SE ¼, SE ¼ B & M

Local well number: C 0 17 D D 34 19 N 14 E Other number:

Local use: 064 Owner or name:

Owner or name: THE BORDEN CO Address: Starkville

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — N

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 cooling — U

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. — U

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: ; Pumpage inventory: yes / no, period:

Nature cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ± ft 1450 Meas. (rep) accuracy 6

Depth cased: (first perf.) ft 1320 Casing type: steel ; Diam. 16-10 in 16

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 80' — 5

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

Date Drilled: 9 26 Pump intake setting: ft

Driller: Jayne Central (name), Memphis (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 — C — Deep / Shallow

Power (type): diesel, elec, nat gas, LP gasoline, hand, gas, wind; H.P. — 5 — Trans. or meter no.

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

Alt. LSD: 369.49 369 Accuracy: (source) M.S.L.

Water Level 158.24 ft above/below MP; Ft (below) LSD 158 Accuracy: meas.

Date meas: 5-15-40 540 Yield: rept. gpm 500 Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc. good

Floor of Pump House

Well No. C17

U.S. G.P.O. 1972/720-793/96/1303

Well No. C17

ORIGINAL

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: 13E (23–25) Subbasin: (26)

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

MAJOR AQUIFER: Tuscaloosa (system) (series) K3 (28–29) (aquifer, formation, group) GO (30–31)

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

(35–37) Length of well open to: ft 80 (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)

MAP ON ORIGINAL

Well No. C17

GPO 937-142