FORM 9-1642
(1-68)

Well No. J 50

WELL SCHEDULE

PUNCHED

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

JAN 4 1973

MASTER CARD

Record by B.D. Source of data BOWC Date 9-70 Map

State J (28) County (or town) Alcorn (03)

Latitude: 34 deg 51 min 23 sec N Longitude: 088 39 42 degrees min sec W Sequential number: 1

Lat-long accuracy: 3 T. 3 S R. 6 E Sec. 5, SE ¼, NE ¼, NE ¼ B & M

Local well number: J050AA05035 06E Other number:

Local use: 171 Owner or name:

Owner or name: CHARLES JOHNSON Address: Corinth, MS

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, (O) 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.: Ø; Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards: yes

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 360 Meas. rept accuracy 3

Depth cased: (first perf.) ft 42 Casing type: steel ; Diam. in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other — X

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: 9 7 0 Pump intake setting: ft

Driller: Bond Well Drilling (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 — J Deep Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 2 — T Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 440 Accuracy (source): 6

Water Level 160 ft above below MP; Ft above below LSD 160 Accuracy: D

Date meas: 8 7 0 Yield: 5 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 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. J 50

Well No. J

DISCHED

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: 162 (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series FT3 (28–29) CJ (30–31) aquifer, formation, group

Lithology: US (32–33) Origin: 6 (34) Aquifer Thickness: 52 ft

Length of well open to: (35–37) ft 52 (38–40) Depth to top of: ft 308 (41–43)

MINOR AQUIFER: system, series (44–45) (46–47) aquifer, formation, group

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

Length of well open to: (51–53) 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)

Red clay 0-36
Blue clay 36-308
Water sand 308-360

T 22

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GPO 937-142