FORM 9-1642
(1-68)

Well No. G-85

WELL SCHEDULE

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

PUNCHED
DEC 28 1972

MASTER CARD

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

State 28 County (or town) Alcorn 07

Latitude: 34 54 45 N (deg 7, min 9, sec 11, N/S 12) Longitude: 088 36 30 (12 degrees, 15 min, sec 18) Sequential number: 19

Lat-long accuracy: 3 (20) T. 2 (S) R. 7 (W) Sec. 18, ¼, SE ¼, NW ¼ B & M

Local well number: G 085 D B 18 07 S 07 E (21–34) Other number:

Local use: 211 (35–51) Owner or name:

Owner or name: FRANK SIMMONS (32–66) Address: Corinth, Miss.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — 67: 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 — 68: 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. — 69: W

DATA AVAILABLE: Well data (70) Freq. W/L meas.: (71: 0) 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: (78–79: D)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1–19) Depth well: ft (20–23: 135) Meas. rept accuracy (24: 3)

Depth cased (first perf.): ft (25–28: 115) Casing type: PVC; Diam. in (29–30: 4)

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, (Z) other (31: S)

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 (32: X)

Date Drilled: (33–35: 970) Pump intake setting: ft (36–38)

Driller: Corinth Well Dr. (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. 3 (41: S) Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

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

Water Level 60 ft above below MP; Ft above below LSD (48–51: 60) Accuracy: (52: D)

Date meas: (53–55: 570) Yield: gpm (56–60: 11) 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.

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HYDROGEOLOGIC CARD

Latitude-longitude ____ N S ____ d m s d m s

SAME AS ON MASTER CARD (1–19) Physiographic Province: ____ 03 (20–21) Section: ____

____ D (22) Drainage Basin: ____ 164 (23–25) Subbasin: ____ (26)

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

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

Lithology: ____ US (32–33) Origin: ____ 6 (34) Aquifer Thickness: 15 ft

____ (35–37) Length of well open to: ____ ft 20 (38–40) Depth to top of: ____ ft 120 (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: 4" PVC

Depth to consolidated rock: ____ ft ____ (60–63) Source of data: ____ (64)

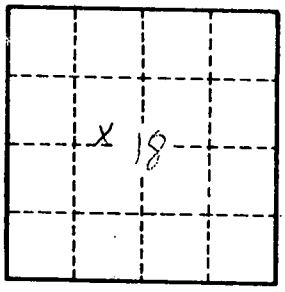
Depth to basement: ____ ft ____ (65–68) Source of data: ____ (69)

Surficial material: ____ (70–71) Infiltration characteristics: ____ (72)

Coefficient Trans: ____ gpd/ft ____ (73–75) Coefficient Storage: ____ (76–78)

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79)

Soil - sand 0-20
Red sand 20-30
Gray sand - clay 20-60
Blue clay 60-120
Water sand 120-132



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GP O 937-142