FORM 9-1642
(1-68)

Well No. J 46

WELL SCHEDULE

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

PUNCHED
JAN 4 1973

MASTER CARD

Record by J.S. Source of data Bowc Date 1/70 Map

State [2 8] County (or town) Alcorn [0 2]

Latitude: [3 4 5 0 1 6 N] (deg, min, sec) Longitude: [0 8 8 3 8 2 5] (degrees, min, sec) Sequential number: [1]

Lat-long accuracy: [3] T. ____ N S, R ____ E W, Sec ____, ____ ¼, ____ ¼, ____ ¼ ____ B & M

Local well number: [J 0 4 6 D B 1 1 0 3 S 0 6 E] Other number: ____

Local use: [1 7 1] Owner or name: ____

Owner or name: [B U S T E R W I L B U R N] Address: Corinth

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: ____ [O] 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 [3 6 0] Meas. rept accuracy [3]

Depth cased: (first perf.) ____ ft [9 5] Casing type: Steel; Diam. ____ in [4]

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

Date Drilled: ____ [9 7 0] Pump intake setting: ____ ft [ ]

Driller: ____ name ____ address

Lift (type): (A) air, (B) bucket, (C) cent. jet, (J) multiple, (cent.), (L) multiple, (turb.), (M) none, (N) piston, (P) rot, (R) submerg, (S) turb, (T) other [ ] Deep Shallow [ ]

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

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

Alt. LSD: ____ [ ] Accuracy: (source) ____ [ ]

Water Level ____ ft above below MP; Ft above below LSD [1 9 0] Accuracy: ____ [D]

Date meas: ____ [1 7 0] Yield: ____ 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. ____

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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: 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, (O) 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: 50 ft

(35–37) Length of well open to: ____ ft (38–40) Depth to top of: ____ ft 310 (41–43)

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

Lithology: (48–49) Origin: (50) Aquifer Thickness: Lm. 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)

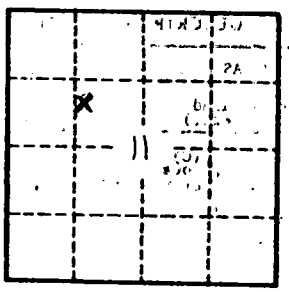
Depth to basement: ____ ft (65–68) Source of data: (69)

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)

Mix dirty	0 - 14
Sandy	14 - 35
blue clay	35-65
yellow sand	65- 85
blue clay	85- 310
Water Sand	310-360



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GPO 937-142