FORM 9-1642
(1-68)

Well No. E 18

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 BOWC | Date 10-70 | Map

State 28 | County (or town) Alcorn 02

Latitude: 34 55 30 N (deg, min, sec) | Longitude: 088 46 55 (degrees, min, sec) | Sequential number:

Lat-long accuracy: 5 | T. 2 (S) R 5 (E) | Sec 9

Local well number: E018 09025055E | Other number:

Local use: 216 | Owner or name:

Owner or name: FRANK MEEKS | Address: Walnut, Ms.

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 | Depth well: 220 ft | Meas. rept accuracy — 24: 3

Depth cased (first perf.): 180 ft | Casing type: Plastic; Diam. 4 in

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 — 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: H

Date Drilled: 970 | Pump intake setting: ft

Driller: J. J. Medlin (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. 1/2 — 41: S | Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 560 | Accuracy: (source) [47]

Water Level 170 ft above below MP; Ft above below LSD 170 | Accuracy: 52: D

Date meas: 970 | Yield: 4 gpm | Method determined [61]

Drawdown: ft | Accuracy: [65] | Pumping period hrs

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 | Date sampled

Taste, color, etc.

Well No. E18

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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: ____ (20–21: 0 3) Section: ____

____ (22: D) Drainage Basin: ____ (23–25: 1 6 4) 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 ____ (27)

MAJOR AQUIFER: ____ system, ____ series (28–29: K 3) ____ aquifer, formation, group (30–31: S M)

Lithology: ____ (32–33: U J) Origin: ____ (34: S) Aquifer Thickness: 40 ft

(35–37) Length of well open to: ____ ft (38–40: 4 0) Depth to top of: ____ ft (41–43: 1 8 0)

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"

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

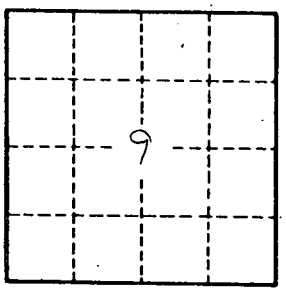
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

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)

Clay	0 - 12
Sand	12 - 160
Clay	160 - 165
Sand	165 - 170
Blue clay	170 - 180
Sand	180 - 220



Well No. E 18

GPO 937-142