MAY 20 1975

FORM 9-1642
(1-68)

Well No. F21

PUNCHED

WELL SCHEDULE

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

MASTER CARD

Record by MAH Source of data BOWC Date 12/20/74 Map

State [2 8] County (or town) Tallahatchie [6 8]

Latitude: [3 4 0 1 0 0 N] deg min sec N S Longitude: [0 9 0 0 5 1 0] 12 degrees 15 min sec 18 Sequential number: [1]

Lat-long accuracy: [4] T 25 S, R 2 W, Sec 21, ¼, SE ¼, SE ¼ B & M

Local well number: [F 0 2 1 D D 2 1 2 5 N 0 2 E] Other number:

Local use: [1 9 0] Owner or name:

Owner or name: [D A R R Y L G A T E S] Address: Cleveland 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) Irr, (I) Med, (M) Ind, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [I]

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.: [ ] 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 [1 0 9] Meas. rept [ ] accuracy [3]

Depth cased; (first perf.) [ ] ft [6 9] Casing type: steel; Diam. [ ] in [1 6]

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 [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) wash, (Z) other [H]

Date Drilled: [ ] [9 7 4] Pump intake setting: [ ] ft

Driller: Dyer Well & Irrigation Ser. name, address

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

Power (type): (diesel), nat elec, gas, gasoline, hand, LP gas, wind; H.P. 60 [N] 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 [9] Accuracy: [D]

Date meas: [5 7 4] Yield: [ ] gpm [3 0 0 0] 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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U.S. G.P.O. 1972/720-793/96/1303

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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:

E (22) Drainage Basin: 15E (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 (27)

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

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

(35–37) Length of well open to: ft 40 (38–40) Depth to top of: ft 15 (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:

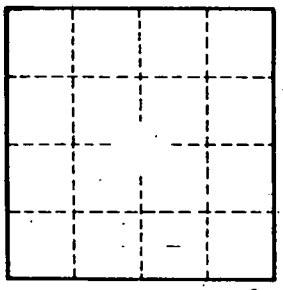
Depth to consolidated rock: ft (60–63) Source of data: (64)

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)



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GPO 937-142