WRD Exp. (GW)
April 1966

Well No. P24

WELL SCHEDULE

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

MASTER CARD

Record by W.T. Oakley Source of data Mr. Treadway Date 11-3-67 Map Swan Lake

State Mississippi [28] County (or town) Washington [76]

Latitude: 33 07 52 N S (deg, min, sec) Longitude: 090 50 01 (degrees, min, sec) Sequential number: [1]

Lat-long accuracy: [2] T. 15 N S, R 6 E W Sec 20, NE ¼, SE ¼, ¼ B & M

Local well number: P 029 A D 20 1 5 N 06 W Other number:

Local use: Owner or name: M.A. Treadway

Owner or name: M A TREADWAY Address: Hollandale, 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 6 houses [68 P]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) 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.: Original [71 Ø] Field aquifer char. [72]

Hyd. lab. data: [73]

Qual. water data; type: [74 K]

Freq. sampling: [75 Ø] Pumpage inventory: yes no; period: [76]

Aperture cards: yes [77]

Log data: Driller's log & samples (where?) [78 D 79]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 783 ft [783] Meas. rept accuracy rept [24 6]

Depth cased: (first perf.) ft [25–28] Casing type: GI + BI; Diam. 3 in [29–30 3]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) 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: Dec. 1938 [938] Pump intake setting: ft [36–38]

Driller: C.M. Journey (name), Greenwood, Miss. (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 J] Deep Shallow [40]

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LP gas, wind; H.P. 3/4 [41 S] Trans. or meter no.

Descrip. MP well Tee, which is 1.3 ft above below LSD. Alt. MP 116.23

Alt. LSD: 114.93 [115] Accuracy: (source) instrument [47 O]

Water Level ft above below MP; Ft above below LSD [48–51 35] Accuracy: reported [52 G]

Date meas: [53–55 N 67] Yield: gpm [56–60] 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 660 K x 10^6 [73 4] Temp. 79 °F [74–76 79] Date sampled [77–79 N 67]

Taste, color, etc. Field data - Nov 67

T=68°F

Well No. P29

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Latitude-longitude N S d m s d m s

ROGEOLOGIC CARD

ME AS ON MASTER CARD 19 | Physiographic Province: Coastal Plain 03 (20 21) | Section: Miss. River

al plain E (22) | Drainage Basin: 15H (23 25) | Subbasin: (26)

of 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 V

R FER: Tertiary (system), Eocene (series) TE (28 29) Sparta Sand (aquifer, formation, group) SS (30 31)

ology: Unconsolidated Sd US (32 33) | Origin: Deltaic 3 (34) | Aquifer Thickness: more than 116 ft

(37) Length of well open to: ft (38–40) | Deptn to top of: 667 ft 667 (41–43)

R FER: system, series (44 45) aquifer, formation, group (46 47)

ology: (48–49) | Origin: (50) | Aquifer Thickness: ft

(53) Length of well open to: ft (54–56) | Depth to top of: ft (57–59)

rvals ened:

to olidated rock: ft (60–63) | Source of data: (64)

to ment: ft (65–68) | Source of data: (69)

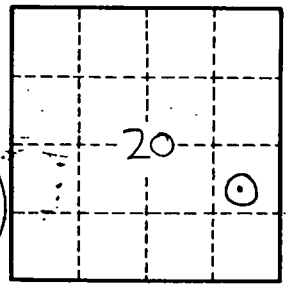
icial cial: (70–71) | Infiltration characteristics: (72)

ficient : gpd/ft (73–75) | Coefficient Storage: (76–78)

ficient : gpd/ft^2; Spec cap: gpm/ft; Number of geologic cards: (79)

From C.M. Journey + samples every 10 ft.
10 samples of water sand. Sand analysis
120 from 700-800 water sand near
Indale.

(Water level cannot be obtained 5-8-68)



level measured
38 + 0.4' above LSD
3.3 gpm

Well No. P29

GPO 857-700