WRD Exp. (GW)
April 1966

REPLACEMENT

Well No. H23

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY

PUNCHED and VERIFIED
WATER RESOURCES DIVISION
ROLLA COMPUTATION BRANCH

TRANSMITTED FOR ADP

MASTER CARD

Record by H.B. Harris | Source of data Owner | Date 10-17-61 | Map County

State Miss. [28] (1-2) | County (or town) Lamar [37]

Latitude: [3 1 1 2 4 0 N] (3-11) | Longitude: [0 8 9 2 2 0 9] (12-18) | Sequential number: [1] (19)

Lat-long accuracy: [2] (20) | T. 3 S, R 14 W | Sec 23, NW ¼, SE ¼, NE ¼ B & M

Local well number: [H 0 2 3 d A 2 3 0 3 N 1 4 W] (21-34) | Other number:

Local use: [X O 1] (35-51) | Owner or name: M. Thomas

Owner or name: [G T H O M A S] (52-66) | Address: Purvis, Miss

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

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] (68)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (O) Oil-gas, (P) Recharge, (R) Test, (T) Unused, (U) Withdraw, (W) Waste, (X) Destroyed — [W] (69)

DATA AVAILABLE: Well data [ ] (70) | Freq. W/L meas.: None [N] (71) | Field aquifer char. [ ] (72)

Hyd. lab. data: [ ] (73)

Qual. water data; type: Complete USGS 1-18-62 [C] (74)

Freq. sampling: Original [O] (75) | Pumpage inventory: yes (no) period: [ ] (76)

Aperture cards: yes [ ] (77)

Log data: [ ] (78-79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1-19) | Depth well: 455 ft [4 5 5] (20-23) Meas. rept accuracy [6] (24)

Depth cased: (first perf.) ft [ ] (25-28) | Casing type: ; Diam. 2 in [2] (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (F) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — [S] (31)

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 — [H] (32)

Date Drilled: 12-1956 [9 5 6] (33-35) | Pump intake setting: ft [ ] (36-38)

Driller: Quick & Price, name | Hattiesburg, 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 — [P] (39) Deep [ ] Shallow [ ] (40)

Power (type): diesel, (elec) nat gas, gasoline, hand, LP gas, wind; H.P. 1 [S] (41) | Trans. or meter no.

Descrip. MP ft above/below LSD. Alt. MP

Alt. LSD: 350± [3 5 0] (42-45) | Accuracy (source): topo [6] (47)

Water Level 90 ft above/below MP; Ft above/below LSD [1 0] (48-51) | Accuracy: rept [G] (52)

Date meas: 10-17-61 [0 6 1] (53-55) | Yield: gpm [ ] (56-60) | Method determined [ ] (61)

Drawdown: ft [ ] (62-64) | Accuracy: [ ] (65) | Pumping period hrs [ ] (66-68)

QUALITY OF WATER DATA: Iron 2.8 ppm [5] (69) | Sulfate 0.0 ppm [0] (70) | Chloride 3.0 ppm [0] (71) | Hard. 22 ppm [2] (72)

Sp. Conduct 121 K x 10^6 [1] (73) | Temp. 52 °F [5 2] (74-76) | Date sampled 1-18-62 [1 6 2] (77-79)

Taste, color, etc. Field Sp. Cond 118. Clear

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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: Coastal Plain (20–21: 03) Section: East Gulf

Coastal Plain (22: D) Drainage Basin: (23–25: 139) 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: F)

MAJOR AQUIFER: Tertiary system, Miocene series (28–29: TM) undifferentiated aquifer, formation, group (30–31: MZ)

Lithology: Unconsolidated Sd (32–33: US) Origin: Deltaic (34: 3) Aquifer Thickness: ft

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

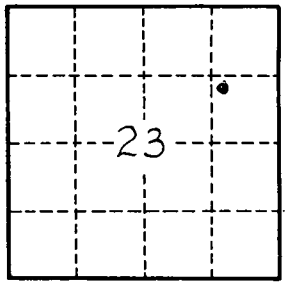
Depth to consolidated rock: ft (60–63) Source of data: (64)

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

Surficial material: Sandy Unconsolidated (70–71: SU) 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 857-700