WRD Ex). (GW)
April 1966

Well No. E21

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by G. F. Brown Source of data Mrs Hayes Date 5-16-39 Map Tralake Quad

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

Latitude: 3 3 2 4 0 5 N S (deg 7 min 9 sec 11) Longitude: 0 9 0 5 7 3 3 (12 degrees 15 min sec 18) Sequential number: [1]

Lat-long accuracy: [2] T. 18 (N) S, R 7 (E) W Sec 18, SW ¼, SE ¼, ____ ¼ B & M

Local well number: E 0 2 1 C D 1 8 1 8 N 0 7 W Other number: ____

Local use: ____ Owner or name: N.H. Hayes

Owner or name: N G HAYES Address: ____

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, (Φ) 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.: none [N] Field aquifer char. [ ]

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: none [ ] Pumpage inventory: yes no, period: ____

Aperture cards: ____ yes

Log data: Driller's log to 488.4 ft [D]

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 470 ft [4 7 0] Meas. rept accuracy [3]

Depth cased (first perf.): 450 ft [4 5 0] Casing type: ____; Diam. 3 in [3]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) 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) drive wash, (Z) other [H]

Date Drilled: May 1937 [9 3 7] Pump intake setting: ____ ft

Driller: C. M. Journey (name), Memphis Tenn. (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1/3 [S] Trans. or meter no. ____

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

Alt. LSD: 115 [1 1 5] Accuracy (source): ____ [3]

Water Level ____ ft above below MP; Ft above below LSD Accuracy: ____

Date meas: ____ 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. occasionally sand., 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 [0 3] (20–21) Section: Miss. River alluvial plain [E] (22) Drainage Basin: [1 5 I] (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 [V] (27)

MAJOR AQUIFER: Tertiary (system), Eocene (series) [T E] (28–29) Cockfield (aquifer, formation, group) [C Ø] (30–31)

Lithology: unconsolidated white sand [U S] (32–33) Origin: Deltaic [3] (34) Aquifer Thickness: ____ ft

[2 6] (35–37) Length of well open to: ____ ft [2 0] (38–40) Depth to top of: ____ ft [4 4 1] (41–43)

MINOR AQUIFER: Quaternary (system), Pleistocene (series) [ ] (44–45) Miss. River alluvium (aquifer, formation, group) [ ] (46–47)

Lithology: sand-gravel alluvium [ ] (48–49) Origin: Fluvial [ ] (50) Aquifer Thickness: 49 ft

[ ] (51–53) Length of well open to: 0 ft [ ] (54–56) Depth to top of: 35 ft [ ] (57–59)

Intervals Screened: 450 - 470 ft

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

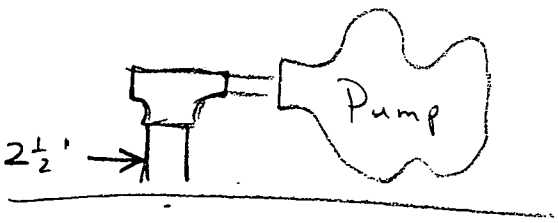
Depth to basement: ____ ft [ ] (65–68) Source of data: ____ [ ] (69)

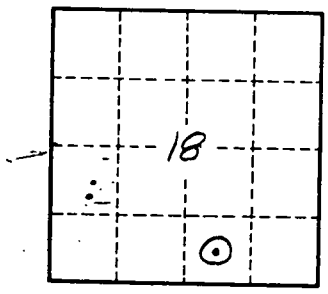
Surficial material: ____ [ ] (70–71) Infiltration characteristics: ____ [ ] (72)

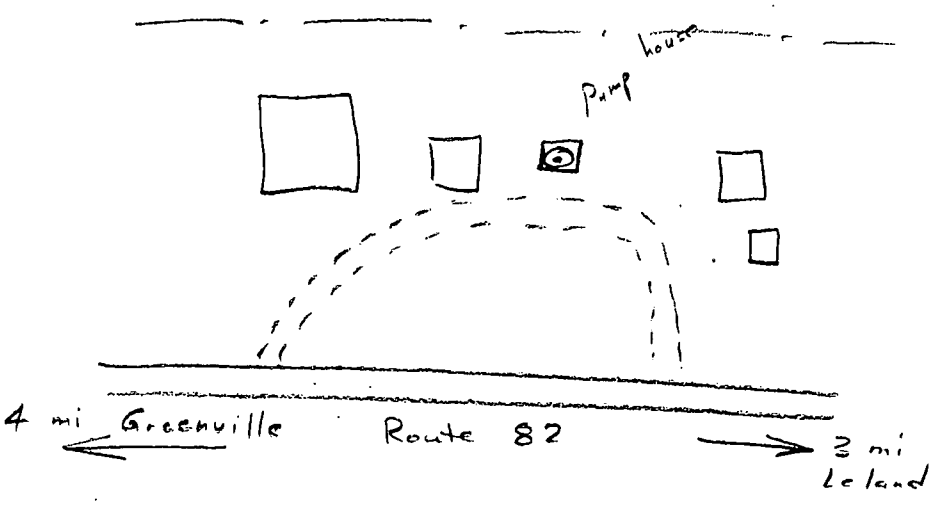
Coefficient Trans: ____ gpd/ft [ ] (73–75) Coefficient Storage: ____ [ ] (76–78)

Coefficient Perm: ____ gpd/ft^2; Spec cap: ____ gpm/ft; Number of geologic cards: ____ [ ] (79)

Formation reported: Lisbon







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GPO 857-700