PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)
April 1966

Well No. E 42

WELL SCHEDULE

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

MASTER CARD

Record by W.T. Oakley Source of data ____ Date 10-31-61 Map ____

State Mississippi [2 8] County (or town) Washington [7 6]

Latitude: [3 3 2 5 1 9 N] deg min sec N/S Longitude: [0 9 0 5 4 4 1] degrees min sec Sequential number: [1]

Lat-long accuracy: [2] T. 18 (N) S, R 7 E (W) Sec 10, NW ¼, SE ¼, ____ ¼ B & M

Local well number: [E 0 4 2 B D 1 0 1 8 N 0 7 W] Other number: ____

Local use: [ ] Owner or name: U.S.D.A.

Owner or name: [U S DEPT. AG.] Address: Stoneville, Miss.

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

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 [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.: ____ [O] Field aquifer char. [ ]

Hyd. lab. data: ____ [ ]

Qual. water data; type: ____ [ ]

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

Aperture cards: ____ yes [ ]

Log data: ____ [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 543 ft [5 4 3] Meas. **rept** accuracy [3]

Depth cased: (first perf.) ____ ft [5 1 3] Casing type: ____; Diam. 8 4 in [8]

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 [G]

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: 1963 [9 6 3] Pump intake setting: ____ ft [ ]

Driller: Layne Central (name), Cleveland, 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 [T] Deep / Shallow [ ]

Power (type): diesel, **elec**, nat gas, gasoline, hand, LP gas, wind; H.P. 40 [V] Trans. or meter no. ____

Descrip. MP ____ ft above/below LSD. Alt. MP 123

Alt. LSD: 123 [1 2 3] Accuracy: (source) topo [3]

Water Level 39.9 ft above/**below MP**, Ft above/**below LSD** [4 0] Accuracy: taped [A]

Date meas: 1963 [6 3] Yield: 500 gpm [5 0 0] Method Rpt determined [ ]

Drawdown: 37 ft [3 7] Accuracy: reported [6] Pumping period unknown 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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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 J] (23–25) Subbasin: [ ] (26)

Topo of well 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]

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

Lithology: Unconsolidated sand [U S] (32–33) Origin: Deltaic [3] (34) Aquifer Thickness: 2126 ft

Length of well open to: [ ] (35–37) ft [3 0] (38–40) Depth to top of: [ ] ft [4 1 7] (41–43)

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

Lithology: sd-grl alluv [ ] (48–49) Origin: Fluv [ ] (50) Aquifer Thickness: 88 ft

Length of well open to: 0 ft [ ] (51–53) Depth to top of: 13 ft [ ] (54–56) [ ] (57–59)

Intervals Screened: 513-543 ft 30' x 4"

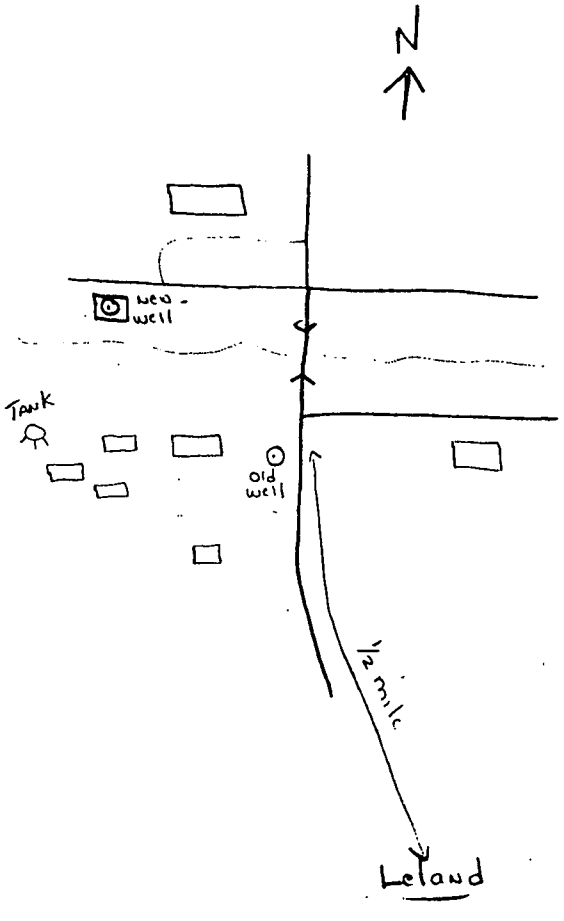
Depth to consolidated rock: [ ] ft [ ] (60–63) Source of data: [ ] (64)

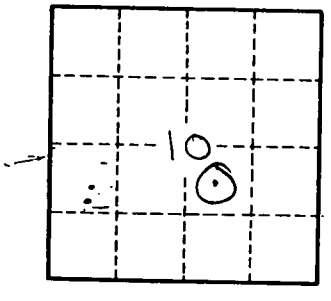
Depth to basement: [ ] ft [ ] (65–68) Source of data: [ ] (69)

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

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

Coefficient Perm: [ ] gpd/ft²; Spec cap: [ ] gpm/ft; Number of geologic cards: [ ] (79)





pumping level 76.70 - reported (1963)

Stoneville

Well No. E 42

GPO 857-700