WRD Exp. (GW)
April 1966

Well No. N3

WELL SCHEDULE

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

PUNCHED AND VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by WT Oakley | Source of data Owner | Date 5-18-67 | Map

State Miss [28] | County (or town) Marion [46]

Latitude: [3 1 0 9 5 8 N] deg min sec N/S | Longitude: [0 8 9 5 4 5 8] 12 degrees 15 min sec 18 | Sequential number: [1] 19

Lat-long accuracy: [3] 20 | T. 2 N/S, R 13 E/W, Sec 5, NE ¼, SW ¼, ___ ¼ B & M

Local well number: [N 0 0 3 A C 0 5 0 2 N 1 3 E] 21–34 | Other number: ___

Local use: [ ] 35–51 | Owner or name: J. B. Bardwell

Owner or name: [G B B A R D W E L L] 52–66 | Address: Rt #2 Foxworth, 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, (Y) Desal-P S, (Z) Desal-other, Other — [H] 68

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] 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: [ ] 74

Freq. sampling: None [ ] 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: 220 ft [220] 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, (P) 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: 1962 [9 6 5] 33–35 | Pump intake setting: ___ ft [ ] 36–38

Driller: Dean Griner (name), Columbia 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, LP gas, gasoline, hand, wind; H.P. 1/2 [S] 41 | Trans. or meter no. ___

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

Alt. LSD: ___ [ ] 42–45 | Accuracy: (source) ___ [ ] 47

Water Level ___ ft above / below MP; ___ ft above / below LSD [ ] 48–51 | Accuracy: ___ [ ] 52

Date meas: ___ [ ] 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 ___ ppm [ ] 69 | Sulfate ___ ppm [ ] 70 | Chloride ___ ppm [ ] 71 | Hard. ___ ppm [ ] 72

Sp. Conduct ___ K x 10^6 [ ] 73 | Temp. ___ °F [ ] 74–76 | Date sampled [ ] 77–79

Taste, color, etc. Iron taste, color, odor

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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: 13] Section: East Gulf

Coastal Plain [22: D] Drainage Basin: [23–25: 13V] Subbasin: [26]

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat [27: F]

MAJOR AQUIFER: Tertiary system, Miocene series [28–29: TM] 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] Depth 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:

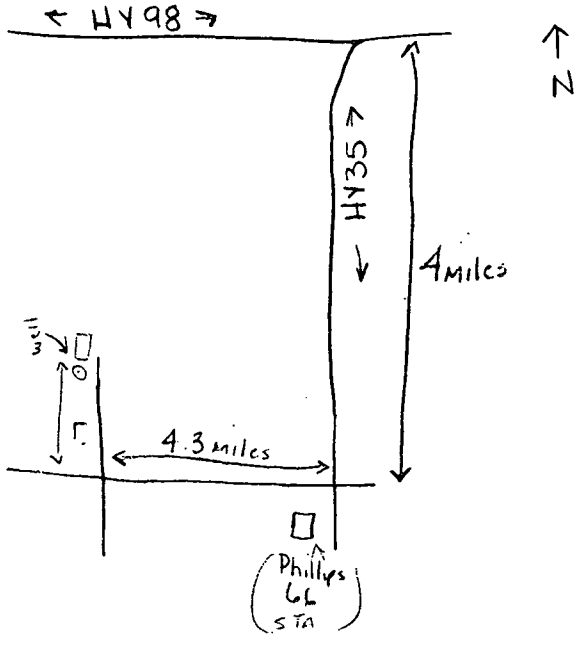
Depth to consolidated rock: ft [60–63] Source of data: [64]

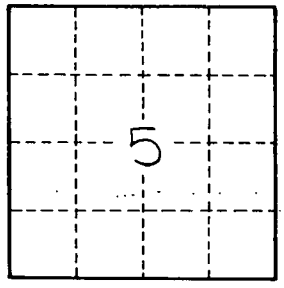
Depth to basement: ft [65–68] Source of data: [69]

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