FORM 9-1642 (1-68)

Well No. C3

WELL SCHEDULE

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

City Well

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by: PEG — Source of data: Hudson — Date: 8158 — Map:

State: 28 — County (or town): Yalobusha — 81

Latitude: 340859N — Longitude: 0893742 — Sequential number: 3

Lat-long accuracy: 3 — T 11 S — R 4 E — Sec 9

Local well number: C003 0911504W — Other number: City # 1

Local use: 064 — Owner or name:

Owner or name: WATER VALLEY — Address: Blount St. & RR tracts

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

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 — U

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 — Z

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: N [ ] Field aquifer char. [ ]

Hyd. lab. data:

Qual. water data; type: MSBH 9-16-59 — P

Freq. sampling: — Pumpage inventory: no, period:

Aperture cards: — yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 80 ft — Meas. rept — accuracy 6

Depth cased (first perf.): 57 ft — Casing type: ; Diam. 6 in — 6

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

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: 932 — Pump intake setting: ft

Driller: Layne (name), (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. 20 — V — Trans. or meter no.

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

Alt. LSD: — — Accuracy: (source)

Water Level: ft above/below MP; Ft above/below LSD — Accuracy:

Date meas.: — Yield: 405 gpm — Method determined

Drawdown: ft — Accuracy: — Pumping period hrs

QUALITY OF WATER DATA: Iron 0.1 ppm — Sulfate 5 ppm — Chloride 5 ppm — Hard. 12 ppm

Sp. Conduct 65 K x 10^6 — 1 — Temp. 170 °F — Date sampled 471

Taste, color, etc. DS = 24 pH = 5.2

Well No. C3

Well No. C3

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

D (22) Drainage Basin: 15F (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)

MAJOR AQUIFER: system, series TE (28–29) aquifer, formation, group MW (30–31)

Lithology: (32–33) Origin: 2 (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft 23 (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: (70–71) Infiltration characteristics: (72)

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

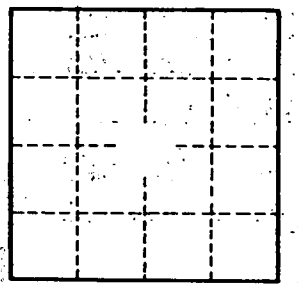
Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

Orig. Q 850 gpm

See location sched C4

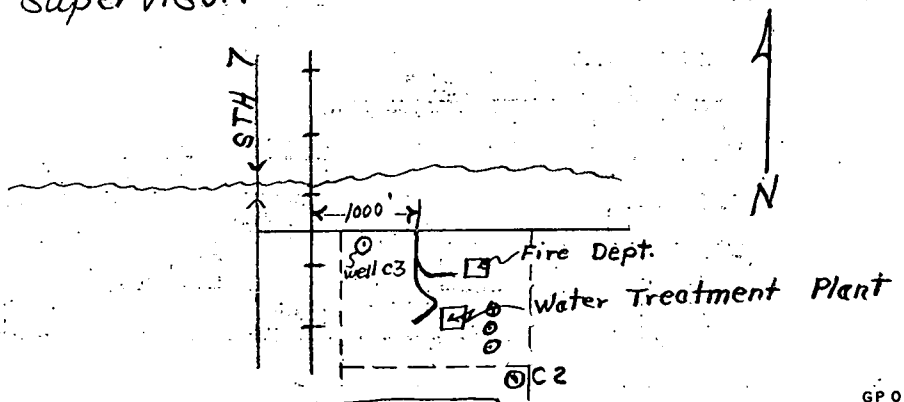
4/21/71

Could probably only use a cox flow meter for pumping test. Cannot tape well through breather hole @ pump base.



For information on Water Valley City wells see:

Hubert Clark, Water Valley City Water Supervisor.



No WL

Well No. C3

GPO 937-142