CODED

FORM 9-1642 (1-68)

Well No. J4

WELL SCHEDULE

ECOC #31

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

PUNCHED

MASTER CARD

Record by B.D. Source of data Records Date 2-71 Map

State 28 County (or town) Warren 75

Latitude: 32 deg 23 min 10 sec N S Longitude: 090530 12 degrees 15 min sec 18 Sequential number: 2

Lat-long accuracy: 3 T. 16 N S, R. 3 E W, Sec 2, ¼, SW ¼, SW ¼

Local well number: J004CC021 16N03E Other number: B & M Shallow Test #2

Local use: 06403 964 10 Owner or name: City of Vicksburg

Owner or name: VICKSBURG Address: Indust. Area N of city

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 — P

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. — T

DATA AVAILABLE: Well data — Freq. W/L meas: — Field aquifer char. Y

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 170 Meas. rept accuracy 3

Depth cased: (first perf.) ft 150 Casing type: ; Diam. 10 in 10

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other

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: 964 Pump intake setting: ft

Driller: Layne Cen. 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; Deep / Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. nat LP Trans. or meter no.

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

Alt. LSD: 90 Accuracy: (source) 5

Water Level 22.5 ft above/below MP; Ft above/below LSD 22 Accuracy: A

Date meas: 10/18/65 0655 Yield: gpm 5003 Method determined 4

Drawdown: ft Accuracy: Pumping period hrs 48

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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21.5' SS Screen,
150' 2 0/10" .010
S.L. 30'

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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03 Section:

Drainage Basin: E 15L Subbasin:

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

MAJOR AQUIFER: system, series QG aquifer, formation, group MA

Lithology: R Origin: 2 Aquifer Thickness: ft

Length of well open to: 90 ft Depth to top of: ft 80

MINOR AQUIFER: system, series, aquifer, formation, group

Lithology: Origin: Aquifer Thickness: ft

Length of well open to: ft Depth to top of: ft

Intervals Screened:

Depth to consolidated rock: ft Source of data:

Depth to basement: ft Source of data:

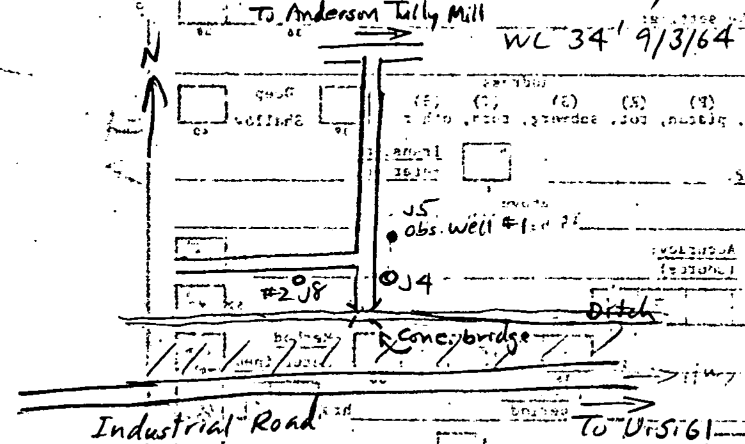
Surficial material: Infiltration characteristics:

Coefficient Trans: 160,000 gpd/ft 164 Coefficient Storage: .00064 605

Coefficient Perm: 1800 gpd/ft^2; Spec cap: 10 gpm/ft; Number of geologic cards:

0-7 Sdy cly
7-25 Cly
25-82 soft blu cly
82-95 Soft mucky sd
95-112 sd + pea grav.
112-134 sd + grav.
134-174 sd + strks grav.
174-201 Cly

WL 34' 9/3/64



GPO 937-142