

WRD Exp. (GW)
April 1966

Well No. J21

APR 22 1975

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by Ray Newcome Source of data M80WC Date 6/25/67 Map Vicksburg 1:62,500

State LA County (or town) Warren 28 75

Latitude: 32^{deg} 23^{min} 00^{sec} N Longitude: 09^{deg} 05^{min} 23^{sec} W Sequential number: 1

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

Local well number: J021CC02L6N03E Other number: #1 well

Local use: 064 966 64 Owner or name: City of Vicksburg

Owner or name: VICKSBURG Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Cbs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: USGS Complete 2-27-74

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

Aperture cards: _____ yes no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 181 ft. Meas. 181 3

Depth cased: (first perf.) _____ ft. Casing type: _____; Diam. 38 30 24 20 in. 24

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) open hole, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) other G

Method: (A) air rot, (B) bored, (C) cable dug, (D) hyd rot., (E) jetted, (F) air percussion, (G) reverse, (H) trenching, (I) driven, (J) drive wash, (K) other R

Date Drilled: 9/5/66 966 Pump intake setting: _____ ft. 36 38

Driller: Layne-Central

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) submerg, (J) turb, (K) other T Deep D Shallow 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) LP, (G) wind, (H) H.P. 100 V Trans. or meter no. _____

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

Alt. LSD: _____ Accuracy: (source) Topo map 5' let 7

Water Level: 51 ft above MP; Ft below LSD 51 Accuracy: _____ D

Date meas: 9/66 966 Yield: 1400 gpm 1400 Method determined 4

Drawdown: _____ ft. Accuracy: 3 Pumping period: _____ hrs 72

QUALITY OF WATER DATA: Iron _____ Sulfate _____ Chloride _____ Hard. _____

Sp. Conduct 925 K x 10⁶ 4 Temp. 20 °F 200 Date sampled 2-27-74 274

Taste, color, etc. ph 6.9 murky

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

J21

Well No. J21

Latitude-longitude N
S
 d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: _____

E Drainage Basin: 150 Subbasin: _____

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

MAJOR AQUIFER: Quat series: Q.G aquifer, formation, group: alluvium MA

Lithology: _____ Origin: 2 Aquifer Thickness: 67 ft

67 Length of well open to: 40 ft Depth to top of: 141 ft 141

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 141'-181' 20" SS shutter (7 1/2)

Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 168,000 gpd/ft: 1.74 Coefficient Storage: _____

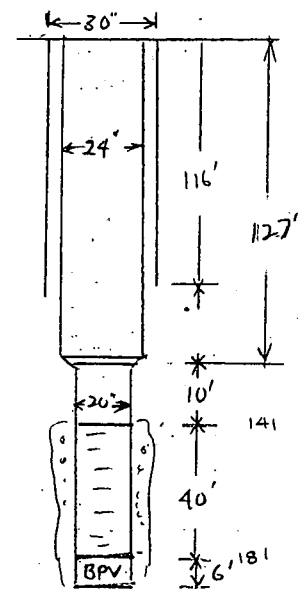
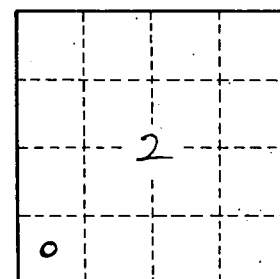
Coefficient Perm: 2500 gpd/ft²; Spec cap: 64 gpm/ft; Number of geologic cards: _____

28' of 38" surf. casing
 116' " 30" casing
 127' " 24" casing

Sds grav 120-148
 Cs sd w/dly 148-167
 cs sd: 167-180
 Sds grav 180-187

Underreamed to 42" diam. 24 yd³ of Hattiesburg gravel⁷⁹

See pumping test of test wells.



Well No.

J21