

rec'd 1/80

WRD Exp. (GW) **WTO**
April 1966

E-109 # 35

Well No. M23 ✓

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

REPLACEMENT ✓

Record by JACALLAHAN Source of data D19 & E109 Date 12-5-67 Map MERIDIAN

State MISSISSIPPI County (or town) LAUDERDALE 38

Latitude: 32° 21' 24" N Longitude: 088° 44' 56" W Sequential number: 7

Local well number: M023D01506N15E Other number: Recharge D-1

Local use: 055035 Owner or name: KROEHLER MFG

Owner or name: KROEHLER MFG CO Address: MERIDIAN, MISS

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed U

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: period:

Aperture cards: yes

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 832 ft Meas. 832 Meas. accuracy drilled log

Depth cased: 703 ft Casing type: STEEL; Diam. 16x14 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., stored, open hole, other

Method: air rot, bored, cable, dug, hyd rot, jetted, air percussion, reverse, rotary, trenching, driven, drive wash, other

Date Drilled: 10-28-64 Pump intake setting: 964 ft

Driller: TERRY DRLG. CO, MARION MISS

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other N Deep D Shallow

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

Descrip. MP above below LSD. Alt. MP

Alt. LSD: 310 Accuracy: 5

Water Level: 116 ft above 16 ft below MP; Ft below LSD Accuracy: A

Date meas: 12/30/64 Yield: 1900 gpm Method determined

Drawdown: 86 ft Accuracy: Pumping period: 2 hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct K x 10⁶ Temp. 74 °F Date sampled N/S sample 165

Taste, color, etc.

PURCHASED AND VERIFIED
ROLLA COMPUTATION BRANCH

Well No. M23

Well No. 1723

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 134 Subbasin: _____

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

MAJOR AQUIFER: TERTIARY, EOCENE T.E. LOWER WILCOX aquifer, formation, group

Lithology: SAND U.S. Origin: _____ Aquifer Thickness: 2 ft

Length of well open to: 120 ft Depth to top of: 680 ft

MINOR AQUIFER: _____ 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: _____

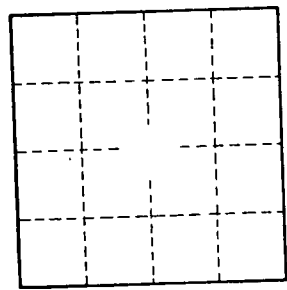
Coefficient Trans: 90,000 gpd/ft 903 Coefficient Storage: _____

Perm: 750 gpd/ft²; Spec cap: 22 gpm/ft; Number of geologic cards: _____

25' of 22" Surface CS9
580' of 16" Well CS9
137' of 14" (12' overlap)

Screen drlg 14" } 30' of .007
 " } .010
 " } .012
 " } .018
 " } .020

703-713 .012 } Johnson recommendation
720-760 .007 } Eng. say this followed
760-795 .018 }
795-834 .020 }



WELL NO.

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