

recoded Y80 WQ
WRD Exp. (GW)
April 1966

E-109 34

Well No. M22 ✓

WELL SCHEDULE

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

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by J.A. CALLAHAN Source of data [Dr. 64] [Ins] Date 12-5-67 Map _____

State MISS County 2:8 (or town) LAUDERDALE 3:8

Latitude: 32° 22' 13.4" N Longitude: 088° 45' 0.1" W Sequential number: 1

Lat-long accuracy: 3' T. 6 S, R. 15 W, Sec. 15, Appt. 2, SE

Local well number: M 022 DD 1506 N 15 E Other number: Prod. 572

Local use: 055034 36530 Owner or name: KROEHLER MFG. CO.

Owner or name: KR. OEHLE R. MFG. CO. Address: MERIDIAN MISS

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other N

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (W) Withdraw, (X) Waste, (Y) Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes no

Log data: DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 832 ft Meas. date 1/09 24

Depth cased: 732 ft Casing type: steel ; Diam. 16x10 in 1:6

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

Method: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jected, (F) air, (G) reverse, (H) trenching, (I) driven, (J) drive, (K) wash, (L) other

Date Drilled: 9-29-64 9:64 Pump intake setting: _____ ft

Driller: TERRY DRILLING CO. MARION MISS

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

Power (type): diesel, (elec) nat, gas, gasoline, hand, gas, wind; H.P. 100 N Trans. or meter no. _____

Descrip. MP Air Vent Hole ft above LSD. Alt. MP _____

Alt. LSD: 308 Accuracy: CI 20 5

Water Level 21.8 ft above MP; Ft below LSD 22 Accuracy: Measured H

Date meas: 9-29-64 9:64 Yield: 2182 gpm 2182 Method determined 5

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 5

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 13A Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (V) valley flat Y

MAJOR AQUIFER: TERTIARY EOCENE T.E LOWER WILCOX L.W

Lithology: Sand U.S Origin: Clay 2 Aquifer Thickness: _____ ft

Length of well open to: 125 ft Depth to top of: 663 ft

MINOR AQUIFER: _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: (720-760 @ 0.008) (760-770 @ 0.010) (770-830 @ 0.018)

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

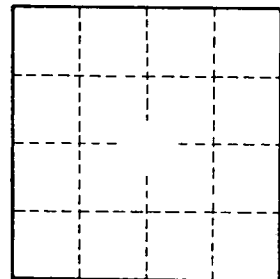
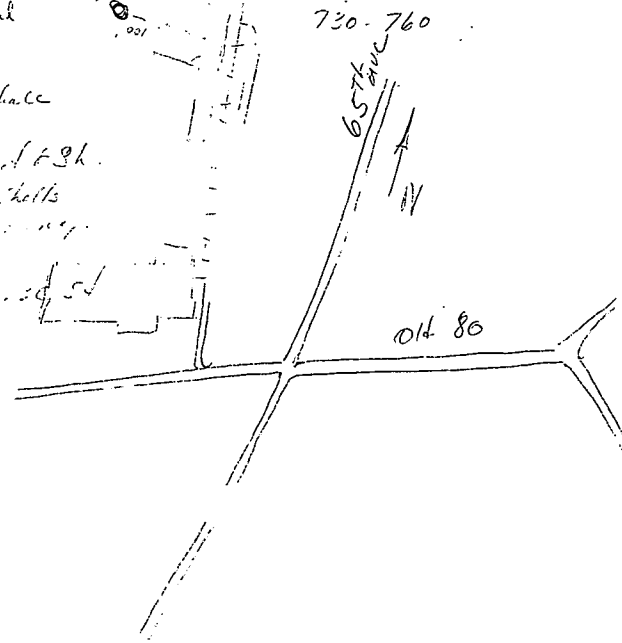
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 97,000 gpd/ft 973 Coefficient Storage: _____

Coefficient Perm: 775± gpd/ft²; Spec cap: 30 gpm/ft; Number of geologic cards: _____

- 0-11 Yellow Clay & Sand
- 12-24 Gray Shale
- 24-175 Silt Sh.
- 178-377 Shale & sandy shale
- 377-521 "
- 521-575 Green sand & sh.
- 575-641 Fine sand & shells
- 641-663 Shale & sand
- 663-757 Fine sh.
- 757-832 Yellow sand & sh.



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