

WRD Exp. (GW)
April 1966

Well No. _____

M4

E-log #2

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

FUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by PE. Grantham Source of data Dr. + Obser Date 5-21-63 Map _____

State Mississippi 555 28 County (or town) Wilkinson 79

Latitude: 31 06 02 N Longitude: 09 11 74 9 Sequential number: 2

Lat-long accuracy: 2 T. 2 S. R. 2 E. Sec 38, NE, NE

Local well number: M004A3802N02W Other number: #3 well

Local use: 06400Z 170 7.4 Owner or name: Town of Woodville

Owner or name: WOODVILLE Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z) P

Use of (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____

Log data: E Log to 943 Dr. (BOWC) DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 935 ft 935 Meas. 3

Depth cased: 875 ft 875 Casing type: _____; Diam. 12, 8 in 1.2

Finish: porous gravel w. gravel v. horiz. open perf., screen, sd. pt., stored, open hole, other G

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., percussive, rotary, other H

Date Drilled: 5/63 963 Pump intake setting: 427.5' ft 428

Driller: Layne Central (Hartfield), Jackson

Lift (type): (A) (B) (C) (J) multiple, multiple, none, piston, rot, submerg, turb, other T Deep D

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

Descrip. MP Vent hole in pump base 1.8 ft above LSD. Alt. MP _____

Alt. LSD: 360' 360 Accuracy: _____

Water Level 285 ft 283 Accuracy: _____

Date meas: 1/15/70 170 Yield: 600 gpm Method 4

Drawdown: _____ ft 8 Accuracy: _____ Pumping period: _____ hrs 2

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

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

Taste, color, etc. _____

3-70
76

12/8/81 DEW
390
80.0
310.0
1.8
308.2
M2 pumping
360
308
52

Well No.

M4

Well No. M 4

Latitude-longitude _____
 d m s N S d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 14E

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
 (O) (P) (S) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series T.M _____ aquifer, formation, group M.Z

Lithology: _____ Origin: 3 Aquifer Thickness: 50' ft

Length of well open to: 50 ft Depth to top of: 87.5 ft

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: 875-935 8" #8 (.030)

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

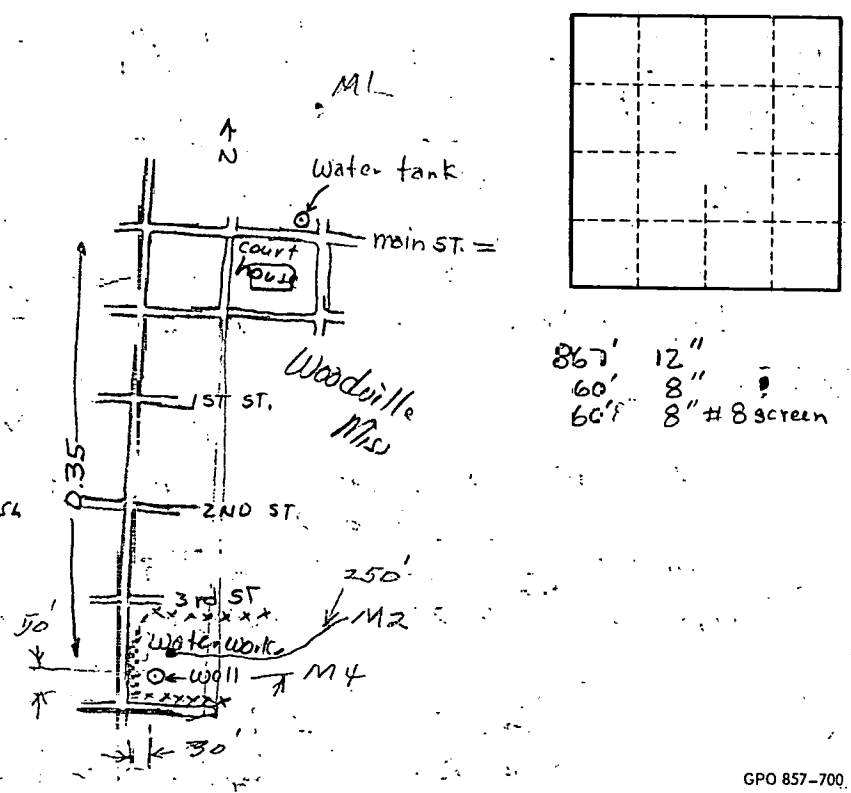
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 15,000 gpd/ft² Coefficient Storage: .0002

Coefficient Perm: 300 gpd/ft² spec cap: 7.4 gpm/ft; Number of geologic cards: _____

- 0-12 Hrd Brittle clay
- 12-34 Red sd + Gr.
- 34-141 Red clay
- 141-211 Hrd Sh
- 211-244 Sh + sd Strks
- 244-280 Gummy Sh
- 280-344 Sh + Strks of sd
- 344-385 Gummy Sh
- 385-406 sd coarse
- 406-440 Gummy Sh
- 440-502 Fine sd + sh Strk
- 502-516 Hrd Lime
- 516-535 Gummy Sh + sd Brks
- 535-600 Sh + Fine sd Brks
- 600-674 Gummy Sh + sd Strks
- 674-753 Sh + Fine sd Strk
- 753-848 Fine sd + sh
- 848-860 Hrd Lime
- 860-875 Fine sd + Strks of sh
- 875-933 sd
- 933-948



Operable

WL 284 5/13, Rept. Q = 602
 Qm pumping test 1/15/70 = 652