

WELL SCHEDULE

E log # 27

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Drv. & E Log Date 1-10-69 Map Sherman

State Mississippi County (or town) Montgomery Sequential number: 2

Latitude: 33 deg 27 min 09 sec N Longitude: 089 degrees 42 min 15 sec W

Lat-long accuracy: 3 T, 18 S, R, 6 W, Sec 6, t, SE, NE

Local well number: J O I O D A O G I R N O G E Other number: B & M

Local use: 021027 Owner or name: South Winona Wtr. Assoc

Owner or name: S W I N O N A W A Address: Winona, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, 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, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other P

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (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.

Hyd. lab. data:

Qual. water data (type): MSBOK Part. 7/69 USGS 3/71

Freq. sampling: Pumpsage inventory: yes no: period:

Aperture cards: yes

Log data: E Log 5-508 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 479 ft Meas. rept accuracy 3

Depth cased; (first perf.): 448 ft Casing type: 6X3 in Diam. 6

Finish: (A) porous concrete, (B) gravel w. concrete, (C) gravel w. (perf.), (D) gravel w. (screen), (E) horiz. gallery, (F) open end, (G) perf., (H) screen, (I) sd. pt., (J) shored, (K) open hole, (L) other S

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

Date Drilled: 1-69 969 Pump intake setting: 36 ft

Driller: Herndon-Homan Drll Co, Shannon, Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other S Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no. 7 1/2 5 T

Descrip. MP hole in sub well head which is 1.00 ft above LSD, Alt. MP 450

Alt. LSD: 450 Accuracy: 460 T 4

Water Level: 167.91 ft above MP, 167 ft below LSD Accuracy: 75 A

Date meas: 2771 Yield: 50 gpm Method determined

Drawdown: 29 @ 579 gpm ft Accuracy: 56 Pumping period 68 hrs

QUALITY OF WATER DATA: Iron 180 ppm Sulfate 2 ppm Chloride 200 ppm Hard. 271 ppm

Sp. Conduct 180 K x 10⁶ 2 Temp. 20.0 °C 200 °F Date sampled 2-16-71 271

Taste, color, etc.

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. J10

Latitude-longitude d m s N S

HYDROGEOLOGIC CARD

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

D Drainage Basin: 15K Subbasin: _____

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

FER: TE system series: _____ aquifer, formation, group MW

ology: US Origin: 2 Aquifer Thickness: _____ ft

31 Length of well open to: _____ ft 31 Depth to top of: _____ ft 448

FER: _____ system series: _____ aquifer, formation, group _____

ology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Values used: 448-479 ft 31' x 3"

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

h to cement: _____ ft _____ Source of data: _____

icial rial: _____ Infiltration characteristics: _____

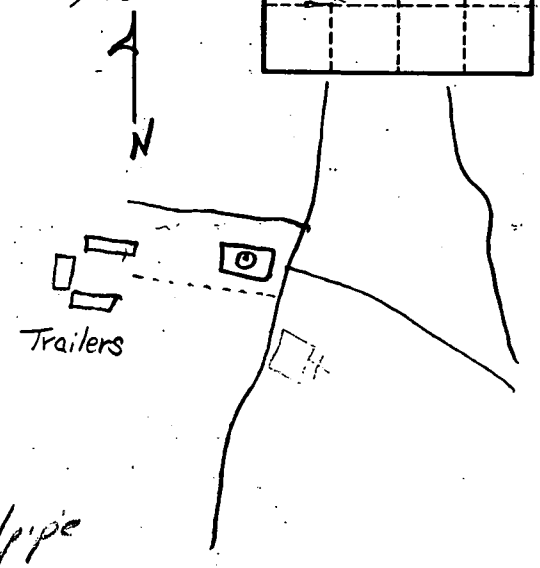
efficient _____ gpd/ft _____ Coefficient Storage: _____

efficient _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

926 (9 gpm)

Red clay 0-12 ft
 Sand 12-21
 Brown clay 21-47
 Blue clay 47-149
 Sand 149-180
 Blue clay 180-440
 Light (?) 440-445
 Sand 445-480
 Clay 480-510

Water Level
 2-16-71
 175.00
 -7.09
167.91
 -1.00
166.91



792 ft of 6" casing
Lead seal @ 423'
31 ft screen
31 ft black pipe tailpipe
 2-16-71 175.00
-7.09
167.91