

Code 11/23/76
JAL

FORM 9-1642
(1-68)

Well No. D 55

WELL SCHEDULE

Ely # 40

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by (C) Source of data Obs. Driller Date 11/10/74 Map Cheroman

State MISS County Polk

Latitude: 34° 21' 42" N Longitude: 08° 8' 50" W Sequential number: 1

Lat-long accuracy: 2 T 8 N 4 R 25 W, Sec 25, NW 1/4, NE 1/4, SW 1/4

Local well number: D055AC2508504F Other number: _____ B & M

Local use: 040 Owner or name: _____

Owner or name: SHERMAN Address: _____

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

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

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

Log data: 40' - 326' D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 775 ft Meas. 3

Depth cased: 695 ft Casing Type: _____; Diam. 12x8 in 12

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

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

Date Drilled: 1-11-74 774 Pump intake setting: _____ ft

Driller: T.M. PARKS HULKA MESS.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other (T) Deep (D) Shallow (4)

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 50 (V) Trans. or meter no. _____

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

Alt. LSD: 355 Accuracy: to top

Water Level: _____ ft above _____ ft below MP; Ft below LSD 166 Accuracy: _____

Date meas: 274 Yield: _____ gpm 300 Method determined

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

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

Sp. Conduct _____ K x 10 6 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 132 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat _____

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group EZ

Lithology: _____ Origin: 6 Aquifer Thickness: 80 ft

Length of well open to: _____ ft 80 Depth to top of: _____ ft 700

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: _____

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

Depth to basement: _____ ft _____ Source of data: _____

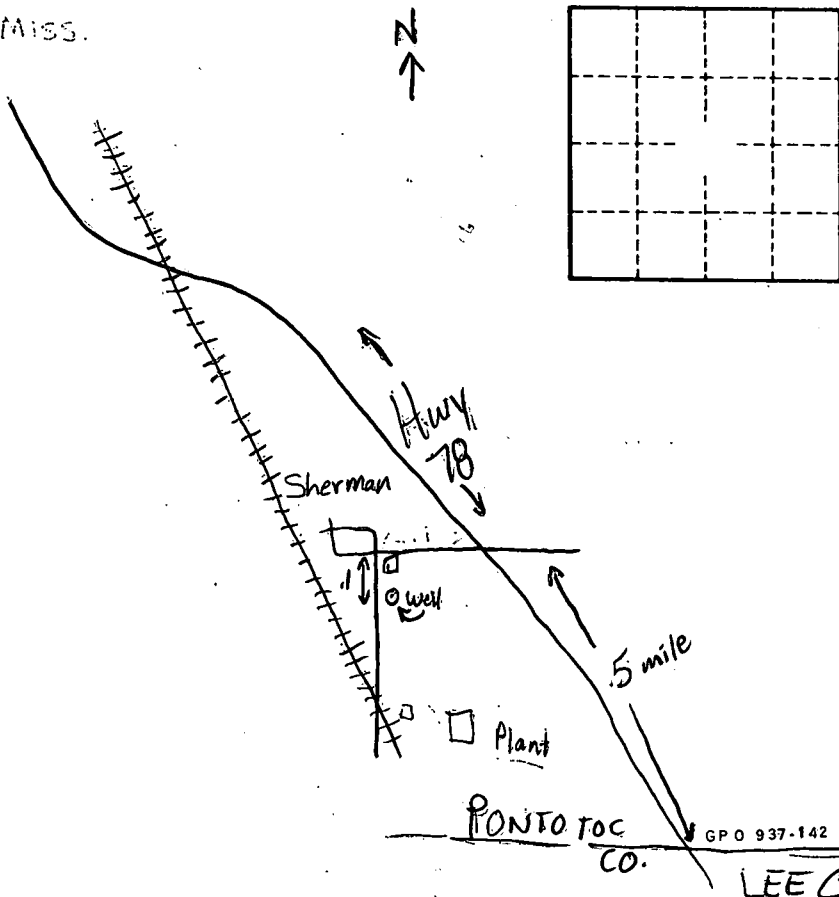
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

LAWSON, ENG., TUPELO, MISS.

79pd/A4

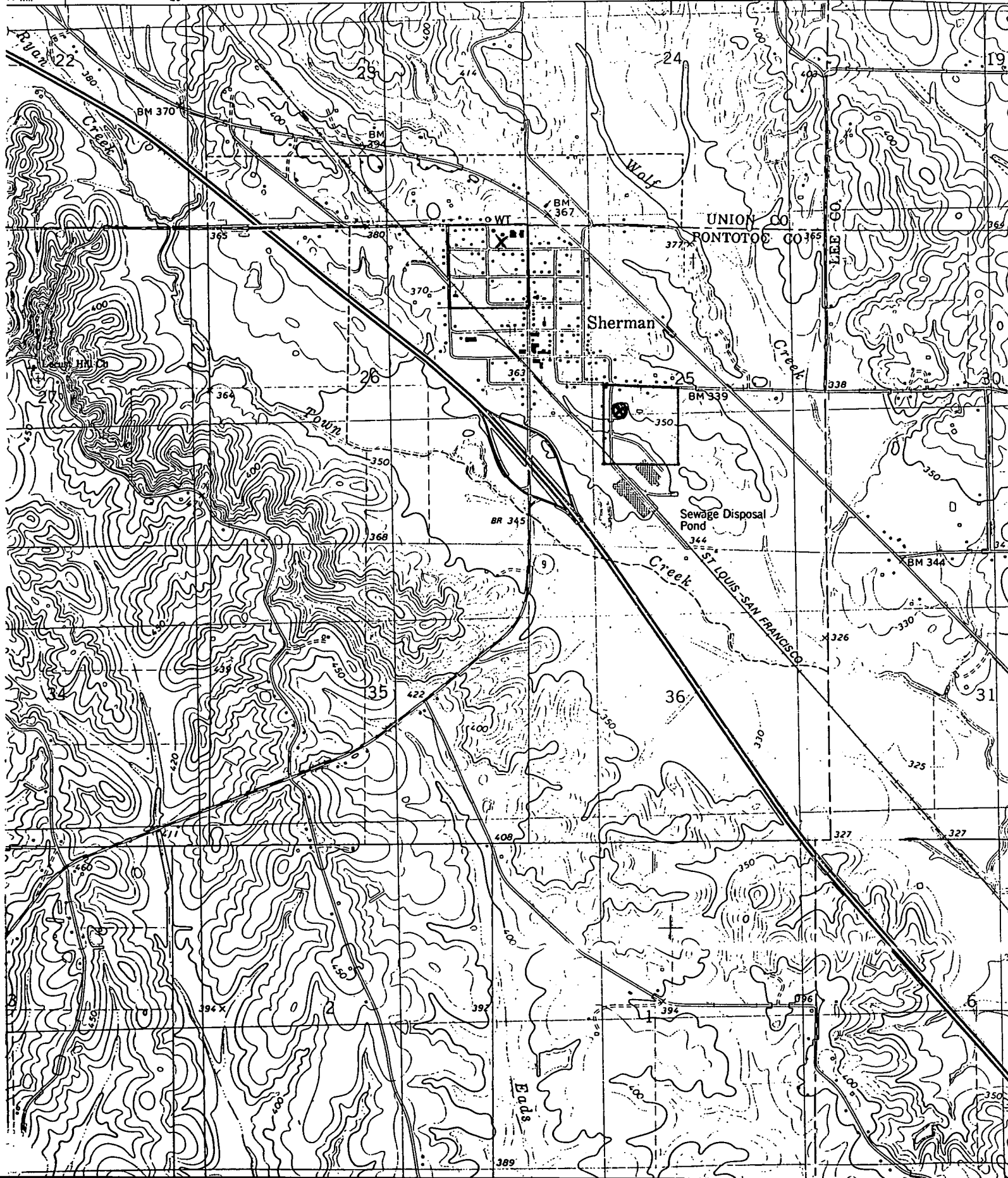


PONTA TOC CO. GPO 937-142

LEE CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

11 MI. 1290000M 330 331 50' R4E R5E 333



PONTOTOC
 D55
 Elwg #40
 2/79

MISSISSIPPI CODED
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

date well completed 19 T.M. PARKS DRIG firm name Pontotoc county well located

LANDOWNER:	description of formations encountered	from	to
<u>City of Sherman,</u>	<u>Clay + Sand</u>	<u>0</u>	<u>16'</u>
<u>Sherman Miss.</u>	<u>Blue clay + chalk</u>	<u>16</u>	<u>219'</u>
(mailing address)	<u>Tight Sand + Clay</u>	<u>219</u>	<u>294'</u>
	<u>Sand</u>	<u>294</u>	<u>405'</u>
WELL LOCATION:	<u>Clay + Shale</u>	<u>405</u>	<u>554'</u>
sec. <u>25</u> T <u>8</u> N R <u>4</u> E	<u>Sandy gravel</u>	<u>554</u>	<u>590</u>
S	<u>Clay + Shale</u>	<u>590</u>	<u>625'</u>
_____ miles _____ of _____	<u>Grass + Shale</u>	<u>625</u>	<u>780</u>
(distance) (direction) (nearest town)	<u>fine gravel, red gravel</u>	<u>780</u>	<u>827'</u>
WELL PURPOSE:	<u>TD</u>		<u>827</u>
(home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>12 3/4</u>			
(2) total depth (feet) <u>827</u>			
(3) static water level (feet) <u>166</u> <input checked="" type="checkbox"/> below top of ground.			
(4) casing <u>12 3/4</u> <u>680'</u>			
(material) (depth)			
_____ if telescope see back.			
(size)			
(5) screen <u>80'</u> <u>695'</u>			
(length) (depth to top)			
<u>8"</u> <u>Stainless</u>			
(size) (material)			
(6) pump <u>50</u> <u>300 gpm</u>			
(HP) (yield/gpm)			
<u>3P</u>			
(type power)			
(7) electric log <u>Yes</u>			
(yes or no)			
<u>N.S.</u>			
(organization running log)			
(8) how well bottom plugged <u>BPV</u>			
DRILLERS REMARKS:			

CODED

MISS. BD. OF WATER COMMISSIONERS