

#19

Chesterville, W.V.

GW 6830

Sherman

9-1642 (1-68)

0410015-12

Well No.

G59

WELL SCHEDULE

Elev# 62

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by JMI Source of data BOU/C Date 10/13/77 Map Sherman

State 28 County (or town) 41

Latitude: 34 16 20 N Longitude: 08 84 85 9 Sequential number: 1

Lat-long accuracy: 2 9 5 30 SW SE SW SE

Local well number: 059BD3009505E Other number: ---

Local use: 064062 Owner or name: W Jackson Chesterville permit

Owner or name: TUPELΦ Address: ---

11/16/82 WL = 233

1987

WL = 248.39

Well #19 on Chesterville permit

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) Stock, (T) Instat, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other SP

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

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

Hyd. lab. data:

Qual. water data; type: EUTW

Freq. sampling: Pumpage inventory:

Aperture cards:

Log data: 0' - 775

5/21/91

Hc 10 290.00

Cur 16.43

253.57

mf 1.80

251.77

M. comment not clean but close

250 4/17/91

10/11/78

WL = 221.19

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 700 ft Meas. 700-780-850 accuracy 3

Depth cased: --- ft Casing type: 5 Steel Diam. 12 in

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open end, perf., screen, ad. pt., shored, open hole, other 5

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

Date Drilled: 9-7-71 Pump intake setting: --- ft

Driller: SINGER-LANNE MEMPHIS, TENN.

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

Power (type): diesel, gas, gasoline, hand, gas, wind; H.P. 50 Trans. or meter no.

Descrip. MP 1' to 2' side @ 2' 1' 345 ft above/below LSD, Alt. MP ---

Alt. LSD: 340 Accuracy: topo

Water Level: 184 ft above/below MP; Ft. below LSD Accuracy: 325 @ 53#

Date meas: 9-7-71 Yield: 300 gpm Method determined ---

Drawdown: --- ft Accuracy: --- hrs Pumping period ---

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

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

Taste, color, etc. ---

710-790

780-785 BLANK

WELL NO.

G59

Well No. _____

Latitude-longitude _____
d m s S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: **03** Section: _____
D Drainage Basin: **138** Subbasin: _____

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

MAJOR AQUIFER: system _____ series **K3** aquifer, formation, group **E2**
Lithology: _____ Origin: **2** Aquifer Thickness: _____

Length of well open to: **100** ft Depth to top of: **60** ft **625** ft
MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____
Lithology: _____ Origin: _____ Aquifer Thickness: _____

Length of well open to: _____ ft Depth to top of: _____ ft
Intervals Screened: **8" S.S.** ~~638-698~~ **638-698 ??**

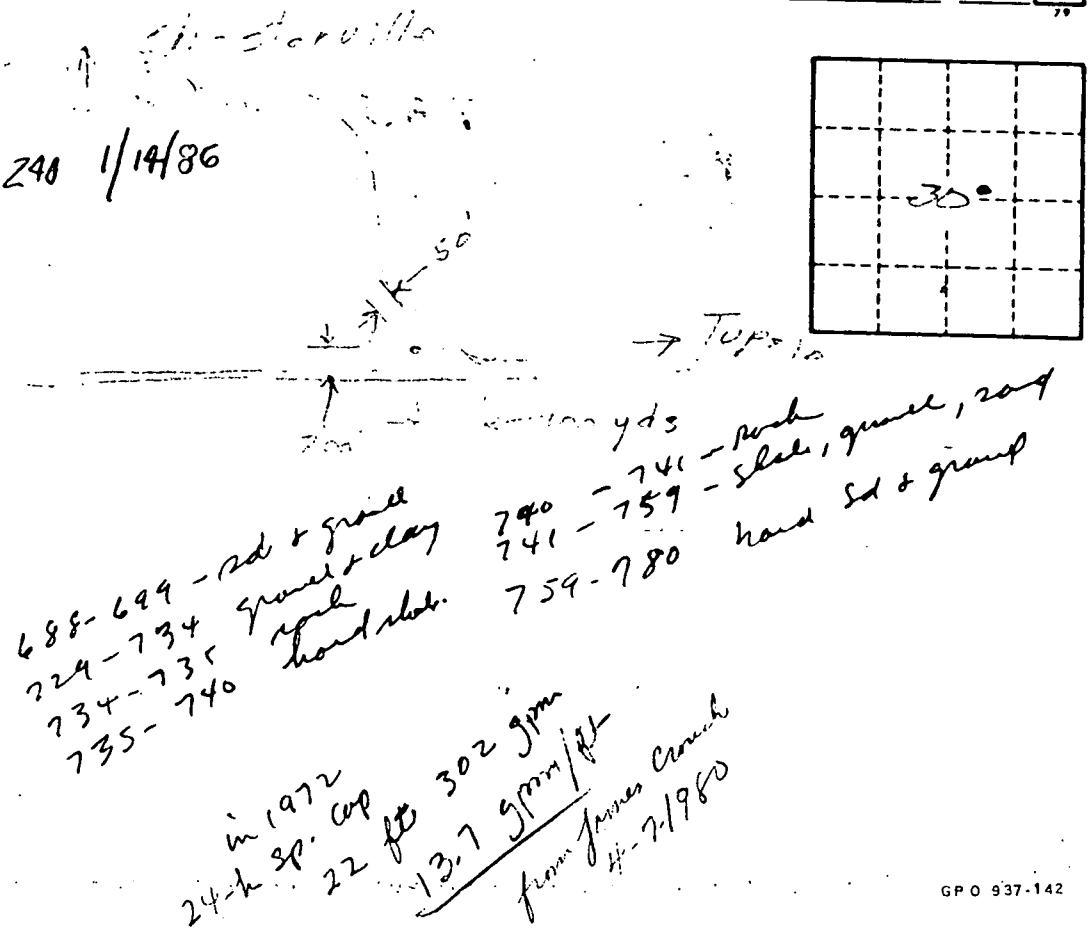
Depth to consolidated rock: _____ ft Source of data: _____
Depth to basement: _____ ft Source of data: _____
Surficial material: _____ Infiltration characteristics: _____
Coefficient Trans: _____ gpd/ft Coefficient Storage: _____
Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Appears to be Gordo
Jan 3/4/97
Driller's log indicates screen from 700' - 780'
is confusing but this interval is a sand

WL = 240 1/14/86

Pump Set 295

12" x 8" well



688-699 - sand & gravel
729-734 gravel & clay
734-735 sand
735-740 hard slate
740-741 - sand
741-759 - shale, gravel, sand
759-780 hard sd & gravel

in 1972
24-h sp. cap
22 ft 302 gpm
13.7 gpm/ft
from James Council
4-7-1980

Well No. **659**

E-LOG # 163

Lee
G 59
9-28-71

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

NOV 6 1971
CODED

September 28 1971 Singer Layne Central Division Lee
date well completed firm name county well located

LANDOWNER:	description of formations encountered		
		from	to
City of Tupelo	Red Clay	0	12
Tupelo, Mississippi	Red Sand	12	18
(mailing address)	Soap Rock	18	216
WELL LOCATION:	Shale and Rock	216	258
sec. <u>30</u> T. <u>9</u> XXXX R. <u>5</u> E XXXX	Rock	258	259
	Shale and Soap Rock	259	323
	Sandy Shale	323	332
(distance) _____ miles _____ of _____	Rock	332	333
(direction) _____ (nearest town) _____	Hard Shale & Clay	333	499
WELL PURPOSE: _____ municipality	Sandy Shale	499	622
(home, irrigation, municipal, industrial)	Sandy Shale & Sand	622	631
WELL COMPLETION DATA:	Sand	631	639
(1) diameter (inches) <u>12"</u>	Sandy Shale	639	649
(2) total depth (feet) <u>85'-668</u>	Sand and Clay Mixed	649	669
(3) static water level (feet) <u>184'</u> below top of ground.	Sand	669	688
(4) casing <u>s. steel</u> <u>695</u>	Sand and gravel	688	699
(material) _____ (depth) _____	Sand and Gravel and Rock	699	716
<u>12"</u>	Sandy & St. Clay	716	729
(size) _____ if telescope see bck.	Gravel & Clay	729	734
(5) screen <u>80"</u> <u>OK</u> <u>700"</u> <u>OK</u>	Rock	734	735
(length) _____ (depth to top) _____	Hard Shale Sts.	735	740
<u>8"</u> stainless steel	Rock	740	741
(size) _____ (material) _____	Shale & gravel and Sand	741	759
(6) pump <u>50</u> <u>300</u>	Hard Sand & gravel	759	780
(HP) _____ (yield gpm) _____	Shale	780	
electric			
(type power) _____			
(7) electric log <u>yes</u>			
(yes or no) _____			
<u>USGS</u>			
(organization running log) _____			
(8) how well bottom plugged <u>cement</u>			
DRILLERS REMARKS:			

Screen
700'-780'
8" ss

CODED

5' BLANK ON BOTTOM

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Jennings DATE: 4/26/94
UNIT DEQ #: 82857 FILE #: 8042622c
HEALTH DEPT. #: 410015-12 ELEV. 345'
USGS #: 659 OLWR #: GW06830
OWNER: Tupelo Quad: Sherman
LOCATION: SW/NE S 30 T 9 S R 5 E COUNTY: Lee
LOCATION DESCRIPTION: Chesterville Community Well

CASING DIA: _____ PUMP TYPE & SIZE: _____

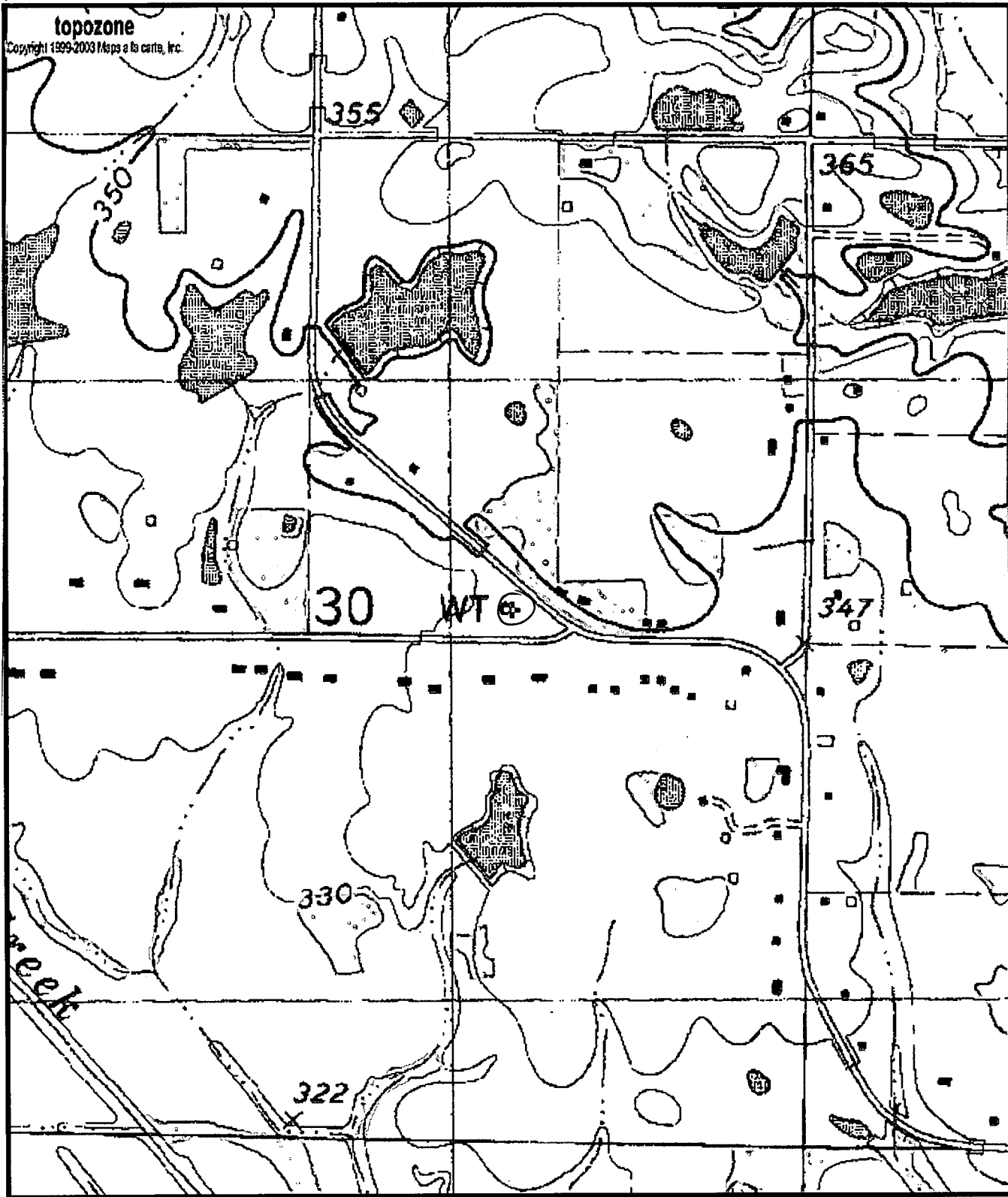
GPS FIELD LOCATION: LAT. 34° 16.361 LONG. 88° 48.801

GPS CORRECTED LOCATION: LAT. 34.272464 LONG. 88.813072
GPS CORRECTED LOCATION: LAT. 34.1620859 LONG. 88.4847049

REMARKS: _____

SHERMAN QUAD





659
 Gw06830
 0410015-12

0 0.1 0.2 0.3 0.4 0.5 km
 0 0.09 0.18 0.27 0.36 0.45 mi
 Map center is 34° 16' 21"N, 88° 48' 47"W (WGS84/NAD83)
Sherman quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M=-0.802
 G=-1.021