

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by RC. Grantham Source of data BOWC Driv. + E Log Date 7-29-68 Map Verona Quad

State Mississippi County Lee (or town) Lee Sequential number: 411

Latitude: 34° 42' 45" N Longitude: 088° 43' 33" W

Lat-long accuracy: 3 T. 10 N. 5 R. 5 Sec. 13 NE, NE, NW, SE

Local well number: K069CA1310505E Other number: Well #15

Local use: 064054 Owner or name: City of Tupelo Address: Bickerstaff St

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Mod, (J) Ind, (K) P, S, Rec, (L) Stock, (M) Instit, (N) Unused, (O) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other SO

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: EUW

Freq. sampling:  Pumpage inventory:  yes  no  period:

Aperture cards:

Log data: E Log 16-714 no samples D:E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1086 ft Meas. 680 accuracy 3

Depth cased: split ft 490 Casing type: steel Diam. 12x10 in 8

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

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

Date drilled: 7-68 968 Pump intake setting: ft     

Driller: Layne Central Co Memphis Tenn

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H<sub>2</sub>P. 75  Trans. or meter no.     

Descrip. MP      ft above      below LSD. Alt. MP     

Alt. LSD: 335 T 335 Accuracy: 10' CI 4

Water Level: 193 ft above MP; 193 ft below LSD Accuracy: 315 ± 53 D

Date meas: 868 Yield: 290 ppm 3.50 Method determined     

Drawdown: ft      Accuracy:      Pumping period:      hrs     

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

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

Taste, color, etc.     

5/12/88  
WL=270.0  
WL=258. 6/17/81

Well No.

K64

Well No. K64

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13C

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

MAJOR AQUIFER: system K3 series Eutw & G6 aquifer, formation, group

Lithology: G Origin: 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ 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: 8" stainless shutter

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

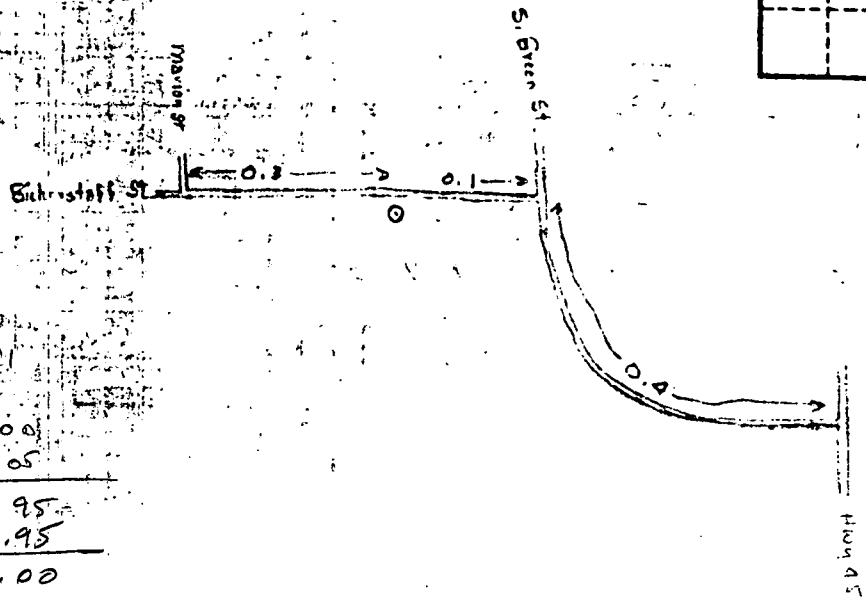
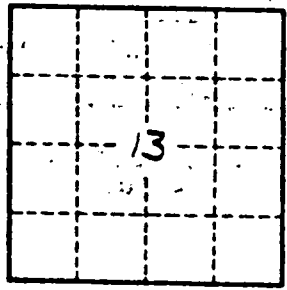
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

490-546 seven  
650-680



Well No. K64

5/21/81  
HelR 290.00  
cut 10.05  
MP 279.95  
1.95  
278.00

Lee  
 K64  
 8-30-68  
 Log # 54

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

CODED

WATER WELL DRILLERS LOG

8-30-1968 Layne-Central Company Lee  
 date well completed firm name county well located

LANDOWNER: City of Tupelo,  
 Tupelo, Mississippi

description of formations encountered	from	to
	686'	
Clay	0-10	
limestone & rock	10-335	
sandy clay	335-408	
fine sand	408-541	
clay (balls)	541-651	
chert	651-662	
clay-chert st.	662-685	
hard gumbo	685-720	
rock	720-722	

(mailing address)

WELL LOCATION: ~~SE 1/4~~  
 sec 13 T 10 N R ~~X E~~  
 (5) S W  
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: Municipal  
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 8"
  - (2) total depth (feet) 686'
  - (3) static water level (feet) 193' below top of ground.
  - (4) casing steel 155'  
 (material) (depth)  
 8" (size) if telescope see back.
  - (5) screen 80' (2 pcs.) 490'  
 (length) (depth to top)  
 8" stainless shutter  
 (size) (material)
  - (6) pump 75 300  
 (HP) (yield gpm)  
 electric  
 (type power)
  - (7) electric log (yes or no)  
 (organization running log)
  - (8) how well bottom plugged

CODED

SEP 12 1968

MISS. BD. OF  
 WATER COMM.

DRILLERS REMARKS:

x

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Jennings DATE: 4/26/94

UNIT DEQ #: 82857 FILE #: B042620A

HEALTH DEPT. #: 410015-08 ELEV. 335'

USGS #: K64 OLWR #: Gw06826

OWNER: Tupelo Quad: Verona

LOCATION: NW/SE S 13 T 10S R 5E COUNTY: Lee

LOCATION DESCRIPTION: Bickerstaff St. well

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: \_\_\_\_\_

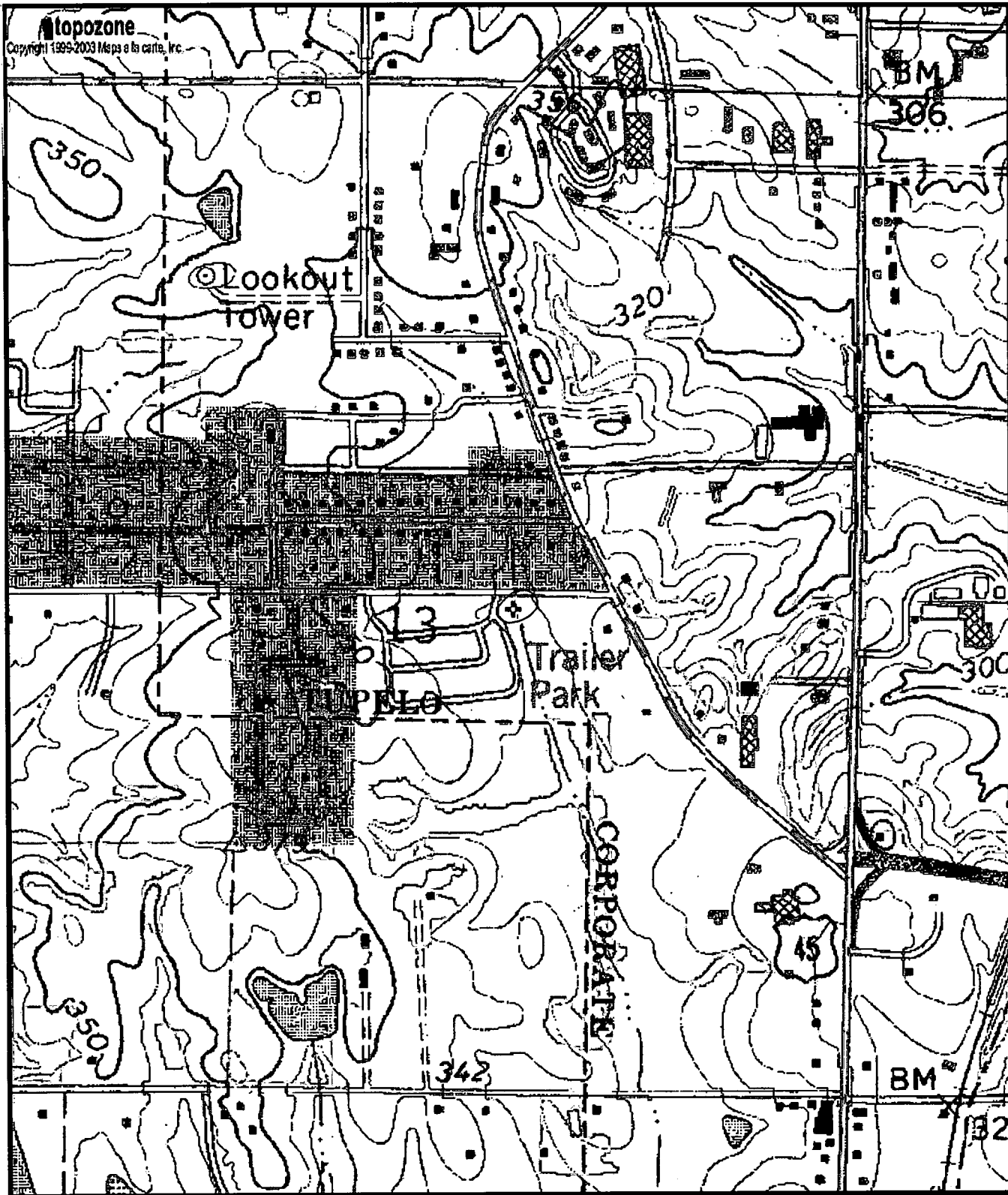
GPS FIELD LOCATION: LAT. 34° 12.790' LONG. 88° 43.543

GPS CORRECTED LOCATION: LAT. 34.213535 LONG. 88.726034  
LAT. 34 12 48.715 LONG. 88 43 33.714

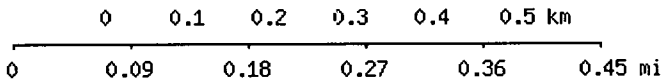
REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# VERONA QUAD





K 6A  
 G0068 26  
 0410015-08



Map center is 34° 12' 49"N, 88° 43' 34"W (WGS84/NAD83)

**Verona** quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.86  
 G=-0.971