

0410028-0

GW05482

Verona

Exp. Date  
April 1966

Talk to William <sup>L41</sup> Tyner or Tom Sanders

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Community Development Foundation

MASTER CARD

Record by Waxson Source of data Boac Date 4/20/67 Map Verona

State 28 County (or town) Lac 41

Latitude: 34 09 11 N Longitude: 088 43 00 Sequential number: 1

Lat-long accuracy: 1 T. 10 S. 6 W. Sec 30 NE, NW, SW

Local well number: 4041BC3010506E Other well number: North well

Local use: 467 38 Owner or name: Tupelo - Lee Industrial

Owner or name: TUPELO - LEE PARK Address: Verona

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: N

Use of (S) (T) (U) (V) (W) (X) (Y) (Z) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other SB

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 0 Freq. W/L meas.: 0 Field aquifer char. Z

Hyd. lab. data: 0

Qual. water data; type: EUTW

Freq. sampling: 0 Pumpage inventory: no period: 0

Aperture cards: 0

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 478 <sup>TR</sup> ft 472 Meas. 3

Depth cased; (first perf.) 392 ft Casing type: steel; Diam. 12x8 in 12

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open perf., (I) screen, (J) gallery, end, (K) other S

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

Date Drilled: 3-28-66 966 Pump intake setting: 0 ft 0

Driller: LAYNE CENTRAL CO. 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 M Deep 0 Shallow 40

Power (type): (A) diesel, (B) nat, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no. V

Descrip. MP air vent 2 ft above. 0 ft below LSD. Alt. MP 0

Alt. LSD: 270 270 Accuracy: 10' 4

Water Level 76 ft above. 74 ft below MP; Ft below LSD Accuracy: 10' 6

Date meas: 3-28-66 366 Yield: 585 gpm 585 Method determined 0

Drawdown: 152 ft Accuracy: 0 Pumping period 0 hrs 1

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 500 K x 10 3 Temp. 0 °F 0 Date sampled 0

Taste, color, etc.

11/17/82  
WL=162.0  
1987  
WL=174.4  
5/21/1991  
190.0  
6.1  
183.9  
1.9  
182.0

10/10/78  
WL=158.55  
270  
182  
88

TRANSMITTED FOR ADP

Well No.

L 41

Well No. L 41

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

HYDROGEOLOGIC CARD

19 **SAME AS ON MASTER CARD** 20 Physiographic Province: 03 Section: \_\_\_\_\_  
 22 D Drainage Basin: 13C 23 Subbasin: \_\_\_\_\_ 24

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L)  
 (M) (N) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 5

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series K3 28 29 aquifer, formation, group M.S 30 31

Lithology: \_\_\_\_\_ 32 33 Origin: G 34 Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: 80 ft 35 36 Depth to top of: 260 ft 37 38 39 40 41 42 43

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ 44 45 aquifer, formation, group \_\_\_\_\_ 46 47

Lithology: \_\_\_\_\_ 48 49 Origin: \_\_\_\_\_ 50 Aquifer Thickness: \_\_\_\_\_ ft  
 Length of well open to: \_\_\_\_\_ ft 51 52 Depth to top of: \_\_\_\_\_ ft 53 54 55 56 57 58 59

Intervals Screened: 396 - 474

Depth to consolidated rock: \_\_\_\_\_ ft 60 61 Source of data: \_\_\_\_\_ 64

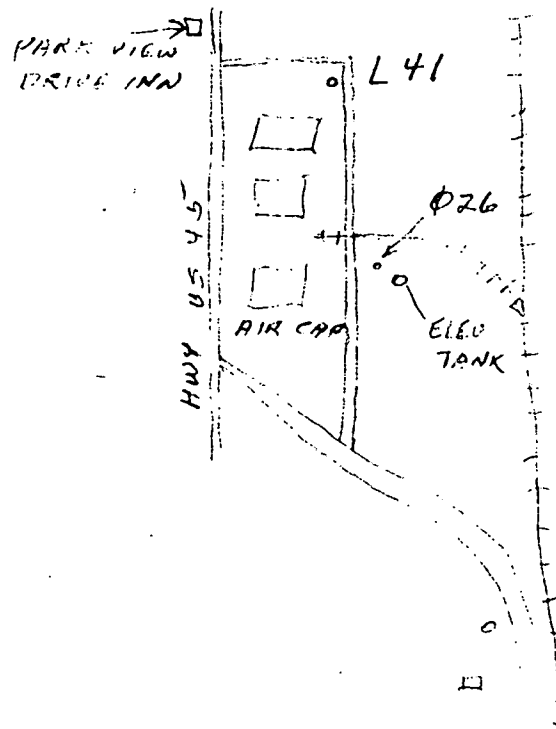
Depth to basement: \_\_\_\_\_ ft 62 63 Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_ 70 71 Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: 11,000 gpd/ft 113 73 74 Coefficient Storage: \_\_\_\_\_ 76 78

Coefficient Perm: 100 gpd/ft<sup>2</sup>; Spec cap: 3.8 gpm/ft; Number of geologic cards: \_\_\_\_\_

8" x 80' Accuon  
Hole drilled to 496 → Prob. in L. BUTAN  
 W.L. 86.2 10-3-67



0-12 clay  
 12-260 sandstone  
 260-278 sandstone and little shale  
 278-296 sandstone  
 296-371 sandy clay  
 371-427 sand - clay sh.  
 427-474 sand - shale with  
 474-496 hard shale

392 > 80'  
 472

Well No.

L 41

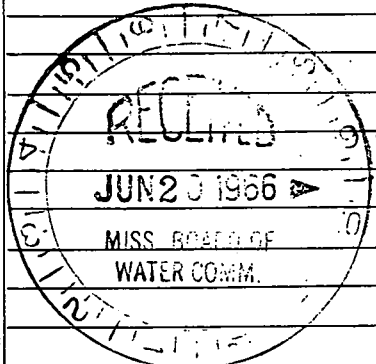
Lee  
 L41  
 3-66

NORTH WELL  
 MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 3-28-1966, Driller: Layne-Central Co. County: Lee  
 (Name)

(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Tupelo Industrial Park (Name)	clay	0-12	478'
Tupelo, Mississippi (Address)	soapstone	12-260	
NORTH WELL	soapstone-little		
(2) Location: 1/4, 1/4, Sec. T R	sand st.	260-278	
_____ miles _____ of _____ (distance) (direction) (Nearest Town)	soapstone	278-296	
(3) Topography: _____ (Hilly) (Flat) (Level)	sandy clay	296-371	
(4) Purpose of Well: Industrial (Domestic Irrigation Municipal, Industrial, Other)	sand-draggy st.	371-427	
	sand-shale st.	427-474	
	hard shale	474-496	
Information upon completion of well:			
(1) Diameter 12 inches.			
(2) Total Depth 478 feet.			
(3) Water Level 76 feet below top of ground.			
(4) Cased to 387', Size 12"			
(5) Screen: Size 8", Length 80'			
(6) Were any formations sealed against pollution?			
X yes, _____ no.			
If YES depth of formation 387'			
Why _____ required			
Drillers Remarks: _____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
_____			
357 ELEV 170			



Well No.

(Use Back Side)

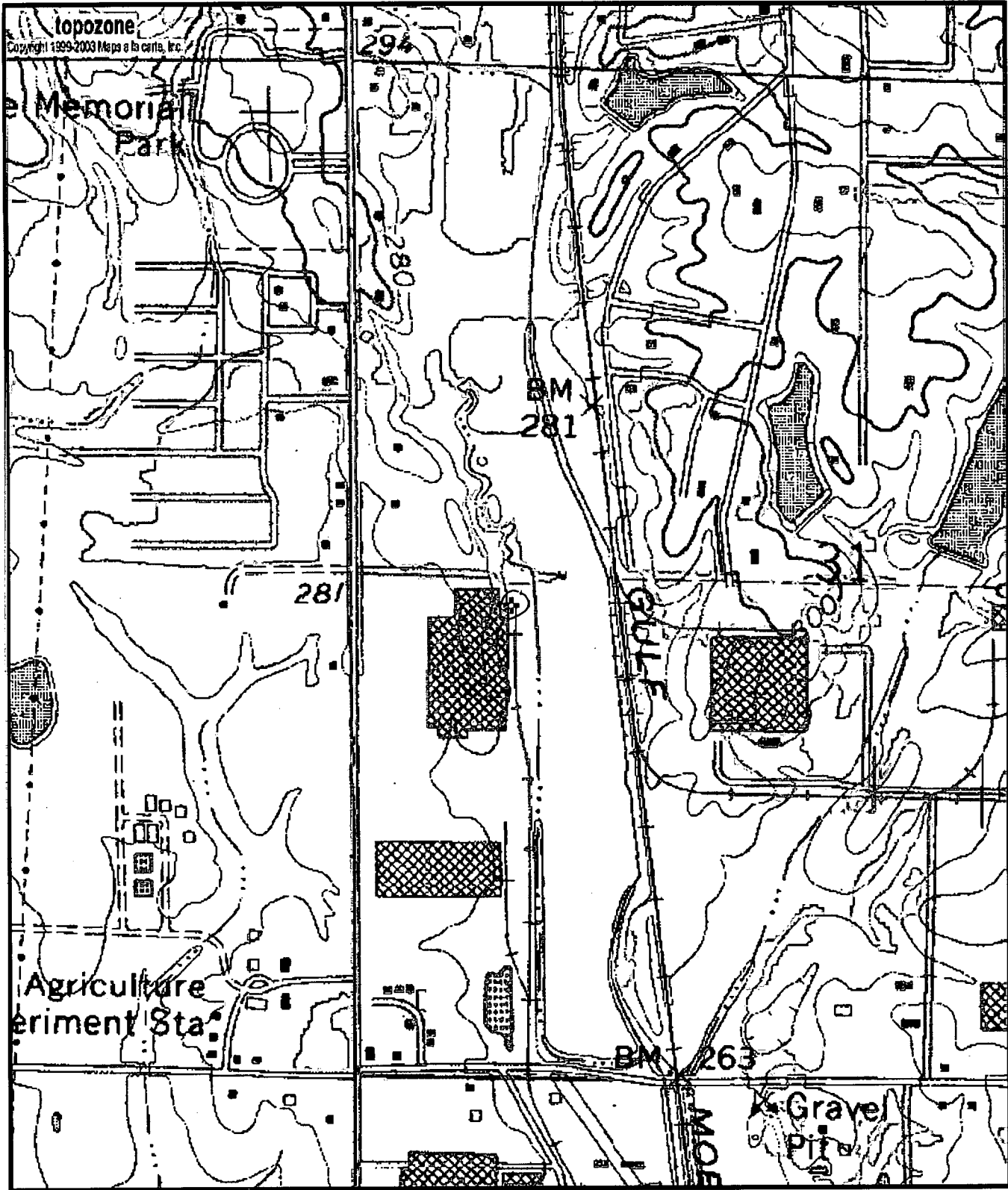
Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

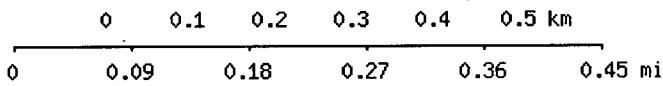
GPS LOG

USER NAME(S): Jennings/Phillips DATE: 10/27/98  
UNIT DEQ #: \_\_\_\_\_ FILE #: 8102716A  
HEALTH DEPT. #: 410028-01 ELEV. 260  
USGS #: L41 OLWR #: GW05482  
OWNER: Lee Co. Industrial Park QUAD: Verona  
LOCATION: NW/SWS 31 T 106R 6E COUNTY: Lee  
LOCATION DESCRIPTION: At NE of bldg at Action Industries  
on Hwy 45  
CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine  
GPS FIELD LOCATION: LAT. 34° 10' 06.4" LONG. 88° 42' 58.9  
GPS CORRECTED LOCATION: LAT. 34.169509 LONG. 88.716865  
REMARKS: GPSd 20' from well  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





LAI  
 6W5482  
 0410028-02



Map center is 34° 10' 10"N, 88° 43' 01"W (WGS84/NAD83)

Verona quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.863  
 G=-0.965