

WRD Exp. (GW)
April 1966

6W5480
0410028-03

Well No. Φ 54

WELL SCHEDULE

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

Community Development Foundation

MASTER CARD

Record by Watson Source of data Domestic Date 4/20/67 Map Verona

State Miss County 28 (or town) Lea 41

Latitude: 34 10 10 N Longitude: 088 42 48 Sequential number: 1

Lat-long accuracy: 1 11 6 6 NE SW NE SW

Local well number: 0054AC0611506E Other number: South me. Co

Local use: 064 567 4A Owner or name: Tupelo-Lee Industrial

Owner or name: TUPELO-LEE PARK Address: Verona

Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, (N) Private, (P) State Agency, (S) Water Dist (W) C

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Irr, (M) Med, (N) Ind, (P) S, (R) Rec, (S) Stock, (T) Inatit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other SB

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: no period: no

Aperture cards: EUTW yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 446 ft Meas. 446 ft accuracy 6

Depth cased: 364 ft Casing type: steel Diam. 12 in 12

Finish: (C) porous concrete, (F) gravel w. (screen), (G) gravel w. (cent.), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other G

Method: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd. rot., (J) jetted, (P) air percussion, (R) reverse, (T) rotary, (V) driven, (W) drive wash, (Z) other H

Date Drilled: 3-17-66 9:46 Pump intake setting:

Driller: Rayne-Central Co.

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (M) multiple (cent.), (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., (Z) other M Deep Shallow

Power (type): (nat) diesel, (elec) elec, (gas) gas, (LP) gasoline, (hand) hand, (wind) gas, (H.P.) H.P. 5 Trans. or meter no.

Descrip. MP air vent at 2 ft above LSD. Alt. MP

Alt. LSD: 257 257 Accuracy: 4

Water Level: 108 Accuracy: A

Date meas: 376 Yield: 585 Method determined 2

Drawdown: Accuracy: Pumping period: hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

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

Taste, color, etc.

11/17/82
WL = 141.66
1987
WL = 140.09
5/21/91
160.0
8.0
152.0
2.1
149.9

10/10/77
WL = 130.65

257
150
107

TRANSMITTED FOR ADP

Well No. Φ 54

Well No. 54

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD
Physiographic Province: 03 Section: _____
 Drainage Basin: 13C Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) offshore, pediment, (S) hillside, terrace, undulating, valley flat (U) (V) _____ 27 S

MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group M5

Lithology: U5 Origin: 6 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: _____

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

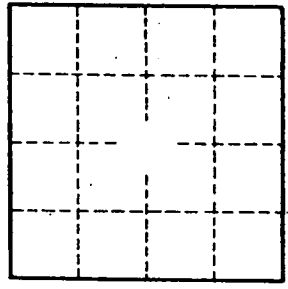
Coefficient Trans: 11,000 gpd/ft 113 Coefficient Storage: _____

Coefficient Perm: 110 gpd/ft²; Spec cap: 4.4 gpm/ft; Number of geologic cards: _____

Hand drilled to 627'
See L 41 for meter

WL=56' (3-17-67)
WL=108.12 (3-17-76)

Screen: 346-446
→ EV twin well
↳ see ENSOURCE Comm. Div. Found. well
approx. 1700' east of 54



Well No. 54

S.P.J.

UP-DATED _____

Lee

~~6~~ 054

3-66

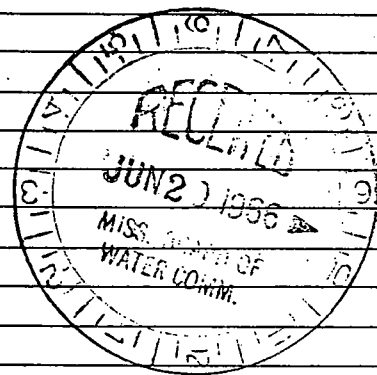
MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 3-17-, 1966, Driller: Layne-Central Co. County Lee

(Name)

	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Tupelo Industrial Park</u> (Name)	clay	5	
Tupelo, Mississippi (Address)	blue clay-soapstone	55	60
<u>SOUTH WELL</u> (Address)	rock	1	61
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u> </u> T <u> </u> R <u> </u>	tough clay		112
<u> </u> miles <u> </u> of <u> </u> (distance) (direction) (Nearest Town)	clay-soapstone		220
(3) Topography: <u> </u> (Hilly) (Flat) (Level)	hard sandy shale		318
(4) Purpose of Well: <u>Industrial</u> (Domestic Irrigation Municipal, Industrial, Other)	sandy shale-sts sand		360
Information upon completion of well:	pk. sand		367
(1) Diameter <u>12</u> inches.	draggy sand	20	387
(2) Total Depth <u>446</u> feet.	draggy sand	22	409
(3) Water Level <u>58</u> feet below top of ground.	sand-shale	23	432
(4) Cased to <u>354'</u> , Size <u>12"</u>	shale-sandy shale	14	446
(5) Screen: Size <u>8"</u> , Length <u>80'</u>	shale-sandy shale	9	455
(6) Were any formations sealed against pollution? <u>X</u> yes, <u> </u> no.	shale-boulders	24	479
If YES depth of formation <u>354'</u>	shale-boulders	23	502
Why <u> </u> required	shale-boulders	23	525
Drillers Remarks:	shale-soft stks	50	575
<u>356 ELEV 257</u>	sand-fine gravel	19	594
	lime rock	16	610
	lime rock	17	627
	hard rock	-	627



(Use Back Side)

Well No.

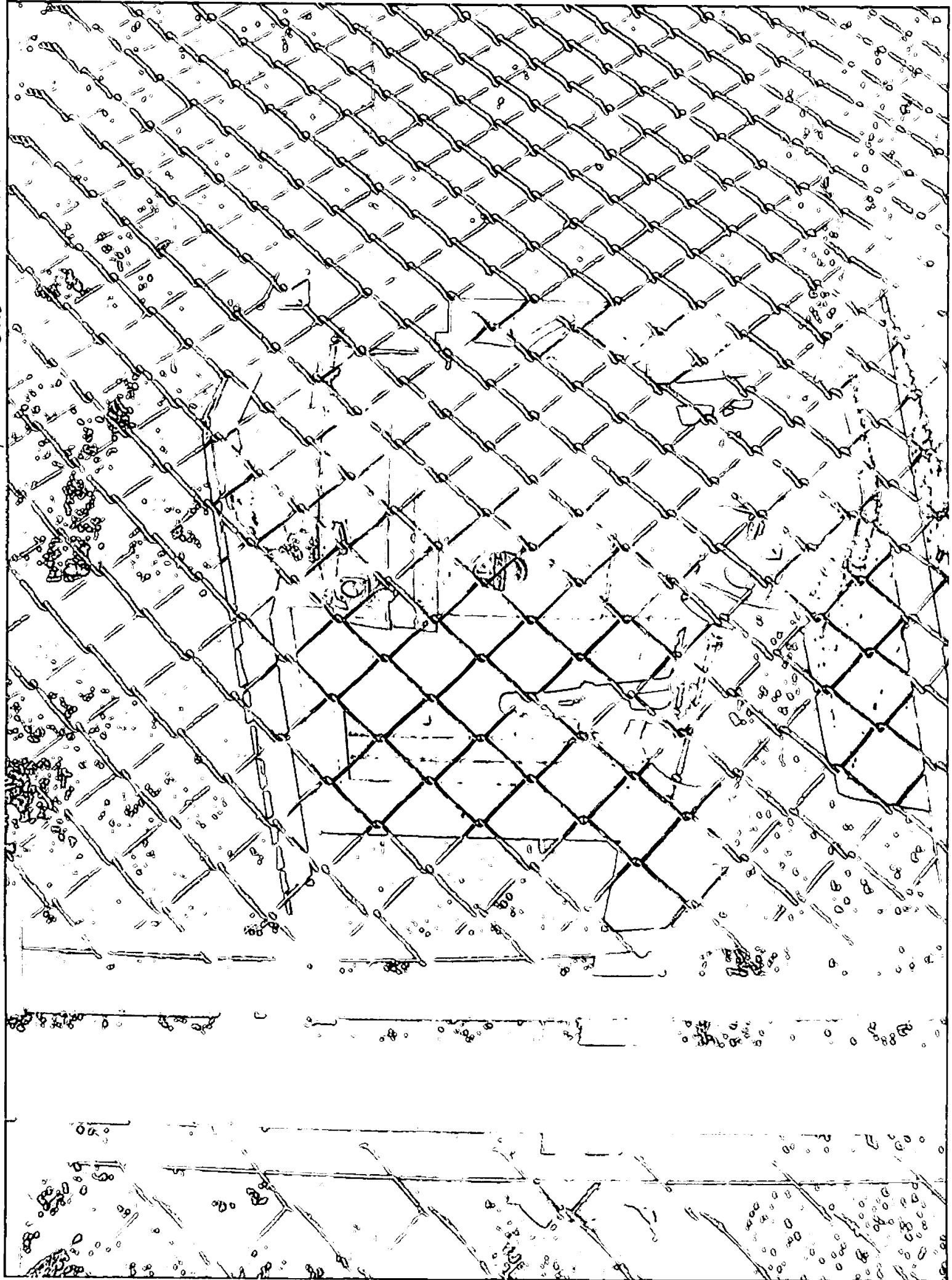
Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

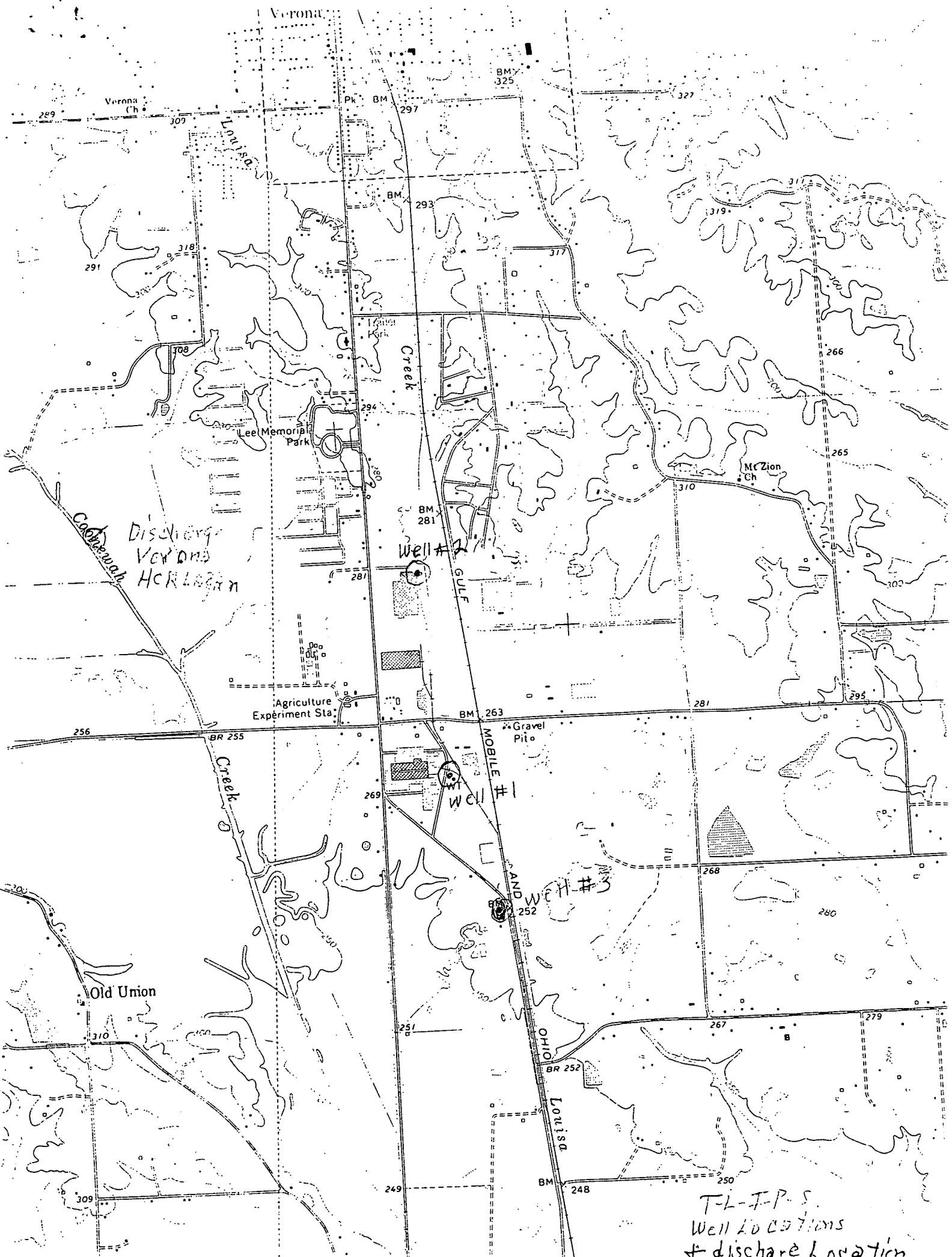
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jennings / Phillips DATE: 10/27/98
UNIT DEQ #: _____ FILE #: B102716C
HEALTH DEPT. #: 410028-03 ELEV. 252
USGS #: 054 OLWR #: GW05480
OWNER: Tupelo Lee Co Industrial Park QUAD: Verona
LOCATION: NE/SW S 6 T 11SR 6E COUNTY: Lee
LOCATION DESCRIPTION: Next to B&B concrete plant on
Rd 631
CASING DIA: _____ PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 34° 09' 10.7" LONG. 88° 42' 45.7"
GPS CORRECTED LOCATION: LAT. 34.153413 LONG. 88.712830
REMARKS: measured 5' from well

454 - Industrial Park





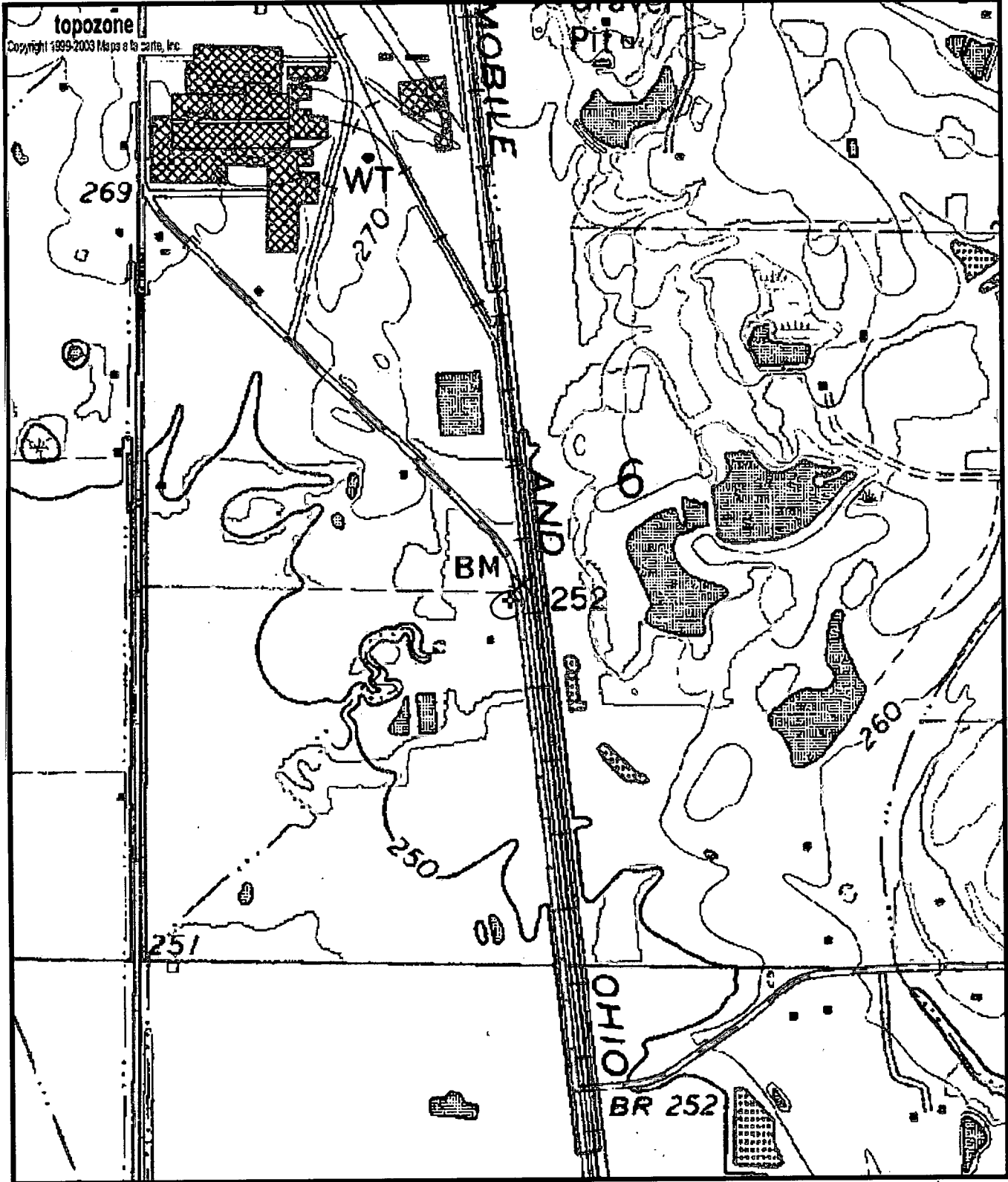
Discharge
VERTICAL
HOLE

Well #2

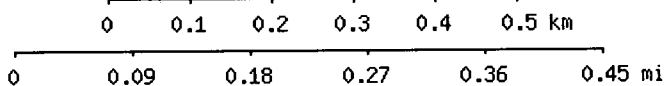
Well #1

Well #3

T-L-T-P-S
Well LOCATIONS
& discharge LOCATION



054
 CW05480
 0410028-03



Map center is 34° 09' 12"N, 88° 42' 46"W (WGS84/NAD83)
Verona quadrangle
 Projection is UTM Zone 16 NAD83 Datum

