

Eason Blvd well

Verona

Wcd exp. (WV)
April 1966

6w6825
0410015-07

well no.

L19

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by S. Swanson Source of data Records Date 1/25/67 Map Verona
 State Miss 28 County (or town) Lee 41
 Latitude: 341909N Longitude: 088409W Sequential number: 1
 Lat-long accuracy: 1000 T. 10 R. 6 Sec. 4 SW degrees 15 min sec. 19
 Local well number: 4019DC0410S06E Other number: #14 B & M 359
 Local use: 064 N6610 Owner or name: City of Tupelo
 Owner or name: TUPELO Address: Edison & Boone St.

Ownership: County, Fed Gov' (C) (F) (M) City, Corp or Co, Private, State Agency, Water Dist (P) (S) (W) M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) P
 Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) (X) (Z) W
 Withdraw, Waste, Destroyed

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

Hyd. lab. data:

Qual. water data; type: COMPLETE USGS

Freq. sampling: Pumpage inventory: period:

Aperture cards: yes

Log data: DRILLERS

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 535 ft Meas. accuracy 3 19 24 3

Depth cased: (first perf.) 465 ft Casing type: 16 in; Diam. 16 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (J) open end, (P) perf., (S) screen, (T) ad. pt., (W) shored, (X) open hole, (B) other 5

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

Date Drilled: 966 Pump intake setting: 33 ft 33 ft

Driller: Layne Central Co. Memphis

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) nose, (N) piston, (P) rot, (R) submerg, (S) turb, (T) other, (B) Deep 7 Shallow 40

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 25 LP V Trans. or meter no. 39

Descrip. MP air vent at 1/2 ft above LSD. Alt. MP 39

Alt. LSD: 276 Accuracy: (source) TOPD 47 4

Water Level: ft above MP; Ft below LSD 84 Accuracy: 410 52 0

Date meaz: 5-3-66 566 Yield: 373 gpm Method determined 7

Drawdown: 36 ft Accuracy: 0 Pumping period 7 hrs

QUALITY OF WATER DATA: Iron 660 ppm Sulfate 4 ppm Chloride 67 ppm Hard. 267 ppm

Sp. Conduct 660 K x 10⁶ 4 Temp. 67 °F Date sampled 2-17-67 267

Taste, color, etc.

11/18/82
WL = 228.80

1987
WL = 240.89

30 min
5/22/94

held 270.00
cur 4.42

265.58
MP 1.80

263.78

50 min
5/22/91

270.00
9.58

260.42
1.80

258.62

WL = 212 6/17/81

19/11/78
WL = 227.19

TRANSMITTED FOR ADR

Well No. L19

Well No. L 19

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

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
 22 D Drainage Basin: 13C 23 25 Subbasin: _____ 26

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

MAJOR AQUIFER: _____ 28 K3 Coilston 29 _____ 30 5 31 _____
 system series aquifer, formation, group

Lithology: _____ 32 US 33 Origin: _____ 34 6 Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ 38 70 40 Depth to top of: _____ ft _____ 41 472 43

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

Lithology: _____ 48 _____ 49 Origin: _____ 50 _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ 54 _____ 56 Depth to top of: _____ ft _____ 57 _____ 59

Intervals Screened:

Depth to consolidated rock: _____ ft _____ 60 _____ 63 Source of data: _____ 64

Depth to basement: _____ ft _____ 65 _____ 68 Source of data: _____ 69

Surficial material: _____ 70 _____ 71 Infiltration characteristics: _____ 72

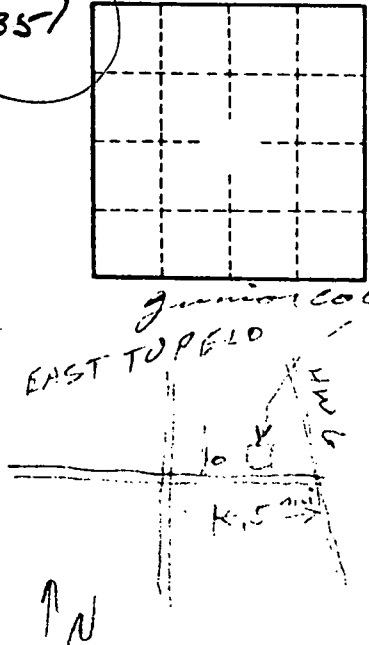
Coefficient Trans: 35000 gpd/ft _____ 73 353 75 Coefficient Storage: _____ 76 _____ 78

Coefficient Perm: 580 gpd/ft²; Spec cap: 10 gpm/ft; Number of geologic cards: _____ 79

W.L. 214.0 after 30 min R. 10-4-67
 208.8 " 105 min R.
 205 est. STATIC W.L.
 148.0 3-1-68

465 TAP 70'
535

- 0-10 clay
- 10-15 sand
- 15-210 conglomerate
- 210-315 sandy shale
- 315-340 sand & shale etc
- 340-384 sand gravel & shale etc
- 384-472 shale
- 472-487 sand-gravel
- 487-488 rock
- 488-500 sand-gravel
- 536-545 chert
- 545-575 hard clay



Well No. L 19

Pump was dropped into the screen at one time.

Lee
L 19
5-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

L 19

WATER WELL DRILLERS LOG

Date: 5-3-, 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
(Name) <u>City of Tupelo</u>	Clay	0-10	541'
(Address) <u>Tupelo, Mississippi</u>	sand	10-15	
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u> </u> T <u> </u> R <u> </u>	soapstone	15-210	
<u> </u> miles <u> </u> of <u> </u>	sandy shale	210-315	
(distance) (direction) (Nearest Town)	sand & shale st.	315-340	
(3) Topography: <u> </u>	sand, gravel &		
(Hilly) (Flat) (Level)	shale sts.	340-384	
(4) Purpose of Well: <u>Municipal</u>	shale	384-472	
(Domestic Irrigation Municipal, Industrial, Other)	sand-gravel	472-487	
	rock	487-488	
	sand-gravel	488-500	
	chert	536-545	
	hard clay	545-575	

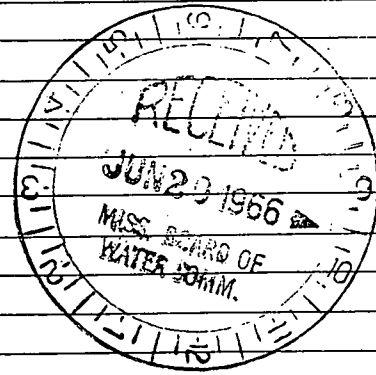
Information upon completion of well:

- (1) Diameter 16 inches.
- (2) Total Depth 541 feet.
- (3) Water Level 84 feet below top of ground.
- (4) Cased to 461', Size 16"
- (5) Screen: Size 10", Length 70'
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 461'

Why

Drillers Remarks:



Screen
465'
535'

359

(Use Back Side)

Well No.

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

x

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: 82857 FILE #: B042620C

HEALTH DEPT. #: 410015-07 ELEV. 276'

USGS #: L19 OLWR #: GW06825

OWNER: Tupelo Quad: Verona

LOCATION: SE/SW S 4 T 105 R 6E COUNTY: Lee

LOCATION DESCRIPTION: Fason + Boone St.

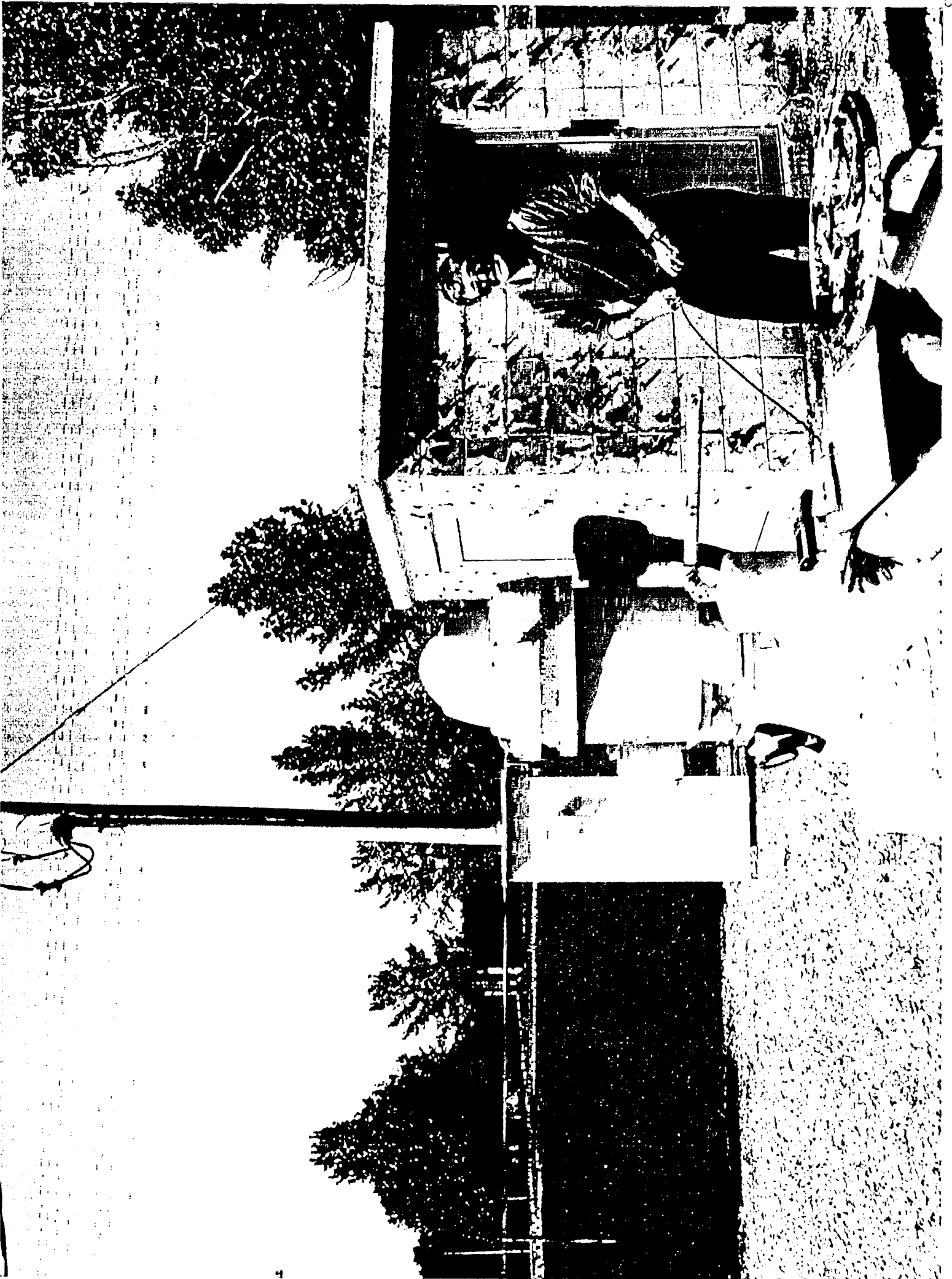
CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 34° 14.153' LONG. 88° 40.817'

GPS CORRECTED LOCATION: LAT. 34.235878 LONG. 88.680396
LAT. 34 14 09.149 LONG. 88 40 49.417

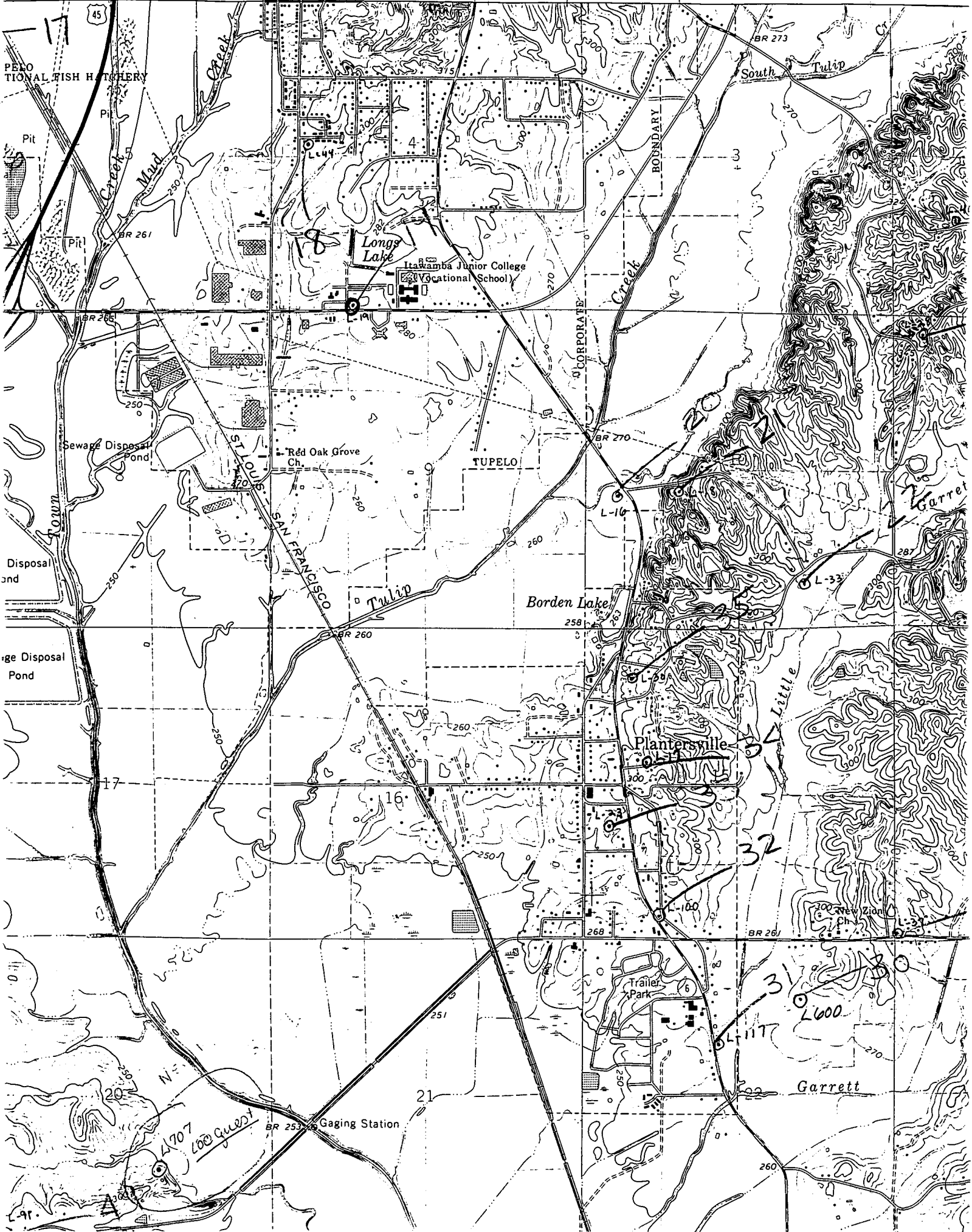
REMARKS: _____

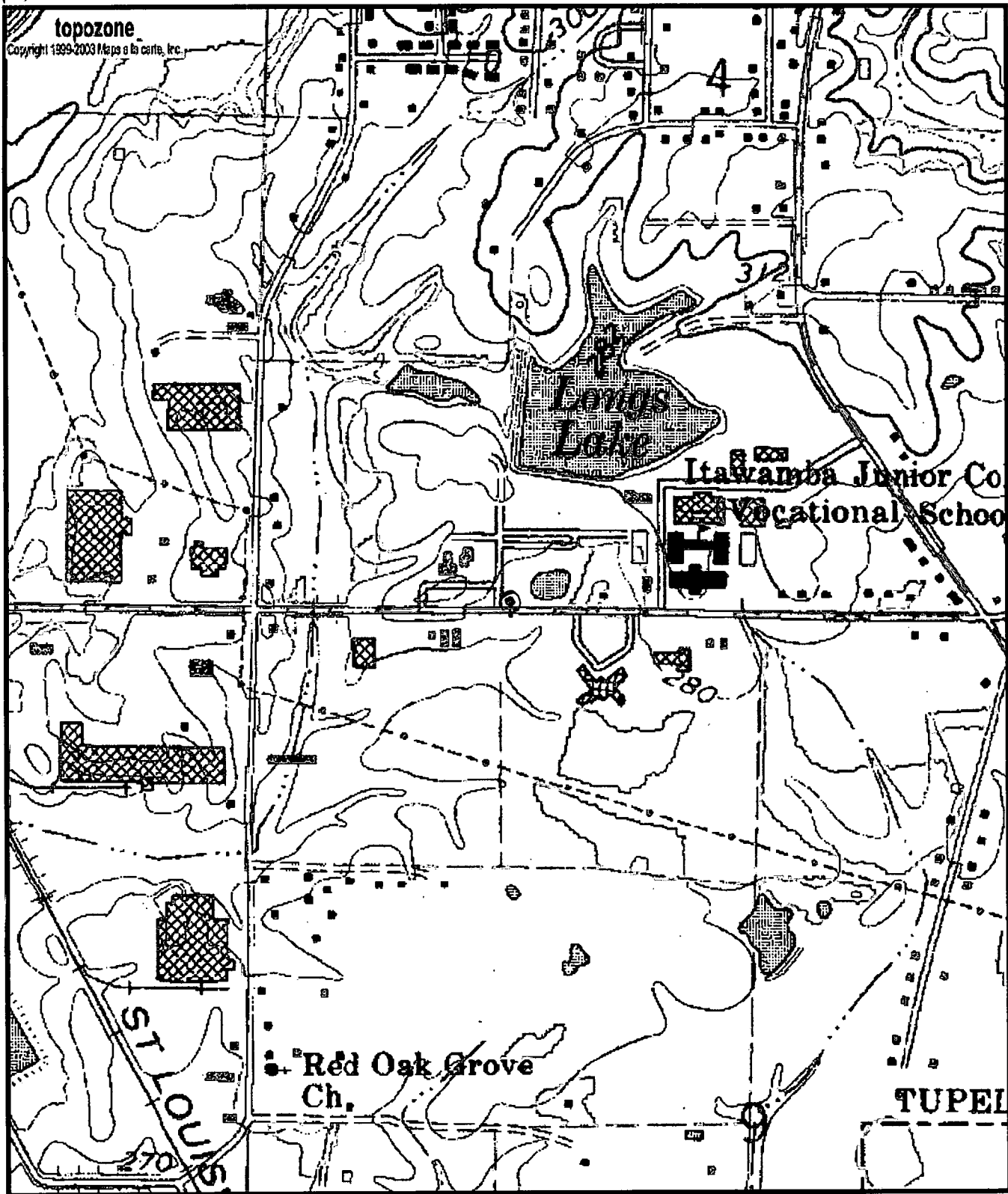
L19 - Turpin (in ...)



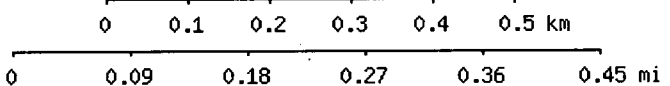
VERONA QUAD

0.5 MI. TO U.S. 78 | 3252 1 SW (TUPELO) | 345 | 0.5 MI. TO U.S. 78 | 346 | 40' | 347 | 348





L19
 GW06825
 0410015-07



Map center is 34° 14' 09"N, 88° 40' 49"W (WGS84/NAD83)
 Verona quadrangle
 Projection is UTM Zone 16 NAD83 Datum

