

WHD Exp. (LW)
April 1966

GW00788

0410006-01

Well No.

B 22

GUNTOWN

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

TRANSMITTED FOR ADP

MASTER CARD

Record by THOMSON Source of data OBSV Date 2-15-67 Map Guntown
 State MISS County LEE (or town) LEE 41
 Latitude: 34 26 38 N Longitude: 088 39 37 Sequential number: 1
 Lat-long accuracy: 1 7 6 W Sec. 27 SE SW SE NW 19
 Local well number: 8022DB2707506E Other well number: B & M
 Local use: 064 367 3.0 Owner or name: TOWN OF GUNTOWN
 Owner or name: GUNTOWN Address: _____
 Ownership: County, Fed Gov't, (M) 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) P.S., Rec, (R) _____
 (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other MU P
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed, (X) _____, (Z) _____ W
 DATA AVAILABLE: Well data 70 Freq. W/L meas.: I Field aquifer char. Z
 Hyd. lab. data: _____ 73
 Qual. water data; type: COMPLETE USGS 74 C
 Freq. sampling: 0 Pumpage inventory: no period: _____ 76
 Aperture cards: GORD yes 77
 Log data: D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 586 ft Meas. kept 3
 Depth cased; (first perf.) 526 ft Casing type: STEEL; Diam. 10.6 in 10
 Finish: porous concrete, gravel w. (F) screen, (G) horiz. gallery, (H) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 5
 Method: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other H
 Date Drilled: DEC 1965 965 Pump intake setting: _____ ft 30 38
 Driller: LAYNE CENTRAL address MEMPHIS
 Lift (type): (A) air, bucket, cent, jet, (B) multiple, (M) multiple (turb.), (N) none, (P) piston, (R) submerg, (S) turb, other M Deep 39 Shallow 40
 Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 25 V Trans. or meter no. _____
 Descrip. MP: AIR VENT 2 above below LSD Alt. MP 407
 Alt. LSD: 405 Accuracy: (source) TOPO 5
 Water Level: _____ ft above below MP; Ft above below LSD 120 Accuracy: _____ 57 A
 Date meas: 12-12-73 D73 Yield: _____ gpm 225 Method determined 7
 Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs 2
 QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm 72
 Sp. Conduct 350 K x 10 3 Temp. 65 Date sampled 2-15-67 267 74 76 77 79
 Taste, color, etc. _____

1987
WL = 152.10

10/10/78
WL = 132

Well No. B 22

Well No. B 22

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 13C Subbasin: _____

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

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

Lithology: UG Origin: 3 Aquifer Thickness: 70 ft

Length of well open to: 70 ft Depth to top of: 60 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: 60' of 6"

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

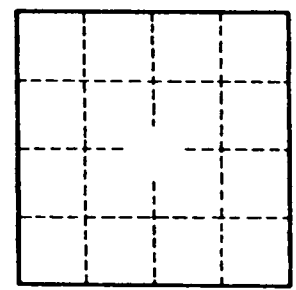
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 702 gpd/ft Coefficient Storage: _____

Coefficient Perm: 100 gpd/ft²; Spec cap: 3.0 gpa/ft; Number of geologic cards: _____

- T D *See B21 for sketch*
- 30 30 clay
 - 1 31 rock
 - 9 40 clay
 - 23 63 sandy clay
 - 24 87 hard clay
 - 2 89 rock
 - 182 271 hard clay
 - 2 273 rock
 - 97 370 hard clay
 - 117 453 sandy clay
 - 89 542 sandy shale
 - 30 572 sand, gravel & shale
 - 19 591 clay & gravel
 - 11 602 cl. & gravel
 - 12 614 chert



WL = 102' 1967 - meas.

Well No. B 22

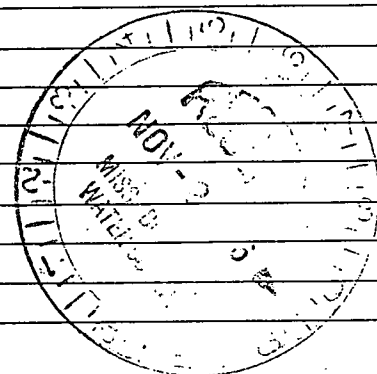
Lee
B22
 11-66

MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

Date: 11-1-, 1966, Driller: Layne-Central Co. County Lee
 (Name)

(1) Owner of Land: <u>Town of Guntown</u> <small>(Name)</small> <u>Guntown, Mississippi</u> <small>(Address)</small>	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet	
				(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u>T7R6</u> , <small>(distance) (direction) (Nearest Town)</small> <u>miles</u> of <u></u> <small>(Hilly) (Flat) (Level)</small>
(3) Topography: <u></u> <small>(Hilly) (Flat) (Level)</small>	rock	1	31	
(4) Purpose of Well: <u>Municipal</u> <small>(Domestic Irrigation Municipal, Industrial, Other)</small>	clay	9	40	
Information upon completion of well: (1) Diameter <u>10</u> inches. (2) Total Depth <u>591</u> feet. (3) Water Level <u>102</u> feet below top of ground. (4) Cased to <u>526'</u> , Size <u>10"</u> (5) Screen: Size <u>6"</u> , Length <u>60'</u> (6) Were any formations sealed against pollution? <u>X</u> yes, <u></u> no. If YES depth of formation <u>526'</u> Why <u></u> required Drillers Remarks: <u>ELEV 405</u>	hard clay	23	63	
	hard clay	24	87	
	rock	2	89	
	hard clay	182	271	
	rock	2	273	
	hard clay	97	370	
	sandy clay	117	453	
	sandy shale	89	542	
	sand, gravel & shale	30	572	
	clay and gravel	19	591	
	clay	11	602	
	chert	12	614	



(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

1
USER NAME(S): Jennings & Dowdy DATE: 8/15/97

UNIT DEQ #: _____ FILE #: B081514A

HEALTH DEPT. #: 410006-01 ELEV. 405

USGS #: BZZ OLWR #: GW00788

OWNER: Guntown QUAD: Guntown

LOCATION: SeSwSeNw S 27 T 75 R 6E COUNTY: Lee

LOCATION DESCRIPTION: @ elev tank

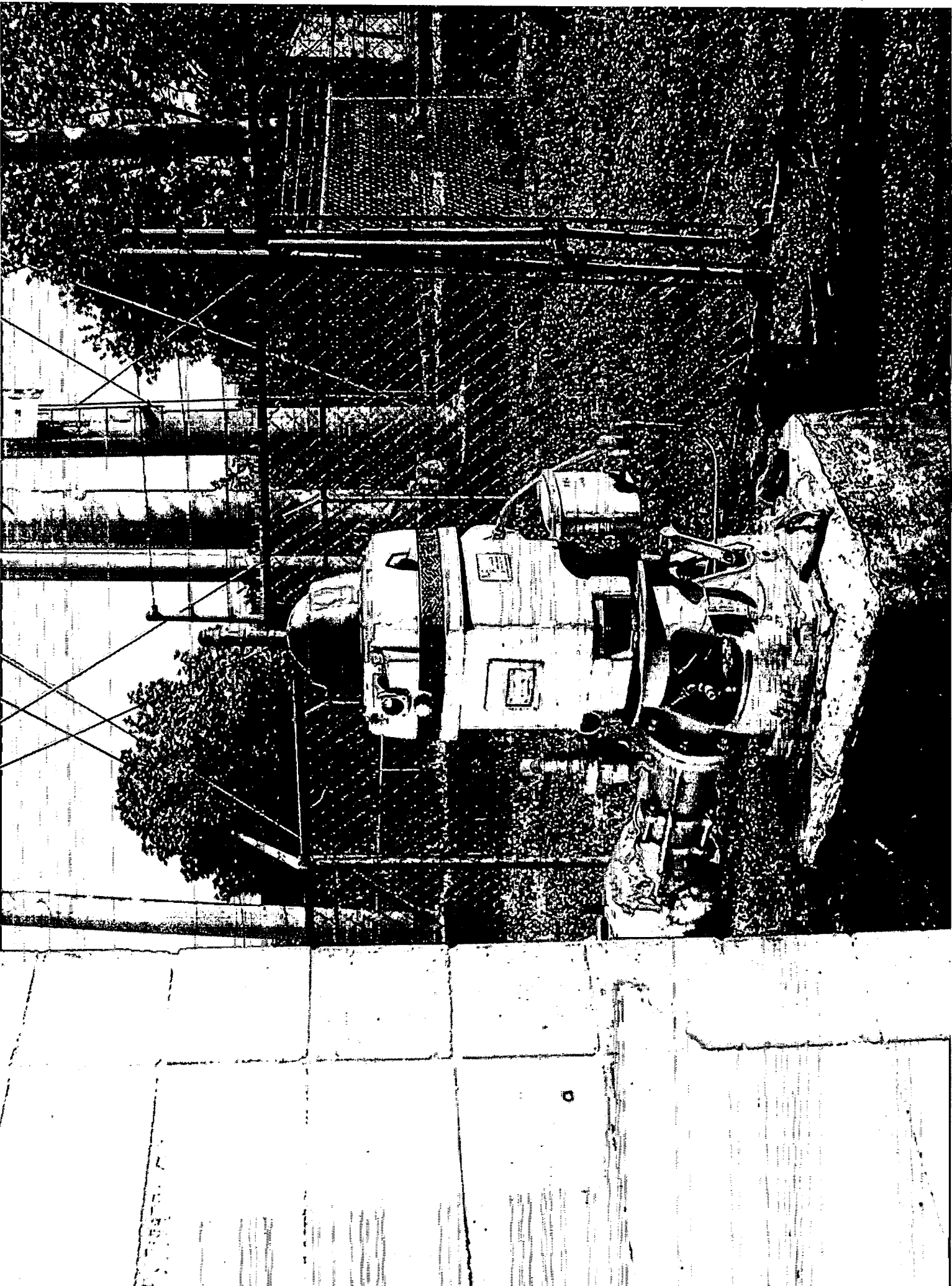
CASING DIA: _____ PUMP TYPE & SIZE: _____

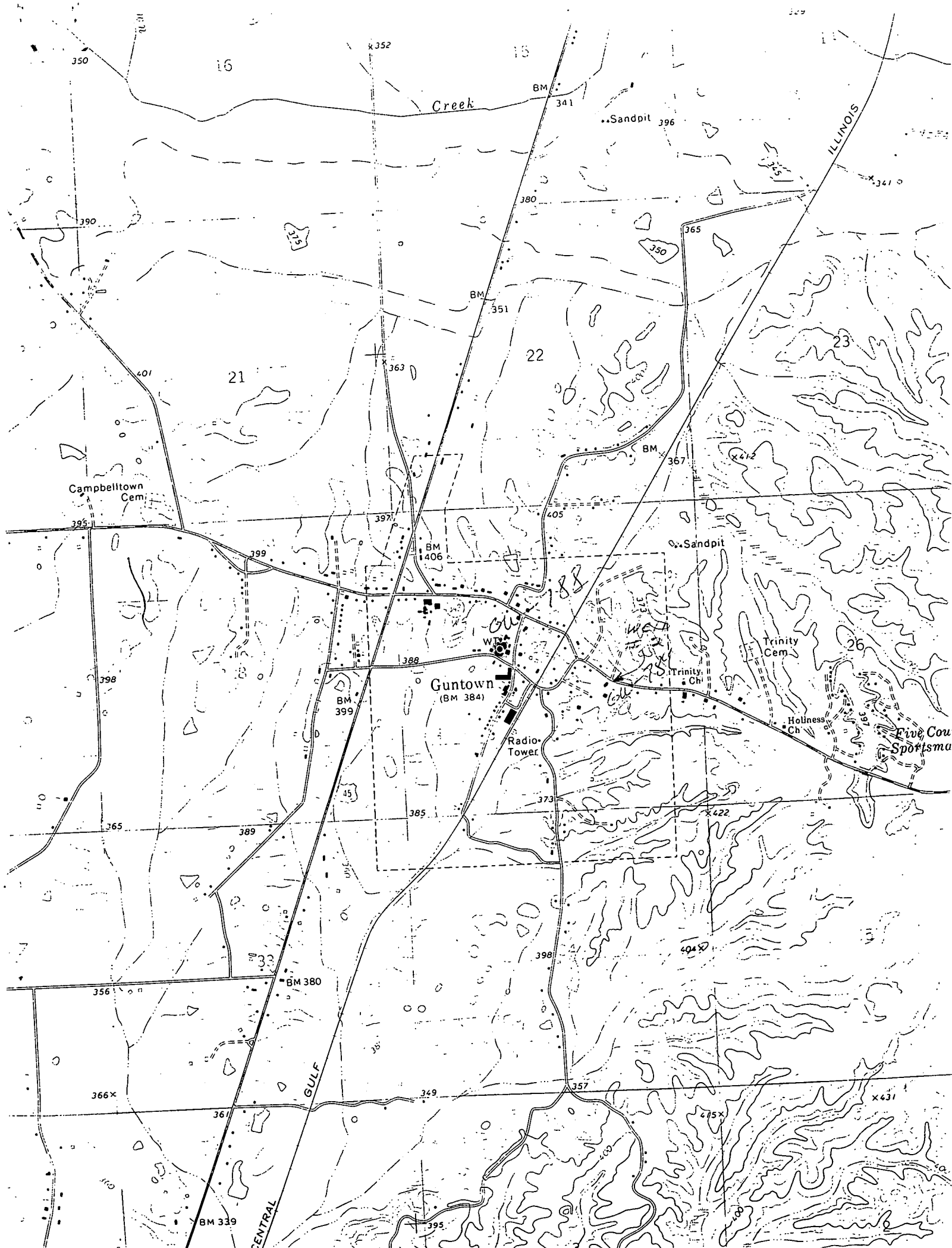
GPS FIELD LOCATION: LAT. 34 26 38.5 LONG. 88 39 37.7

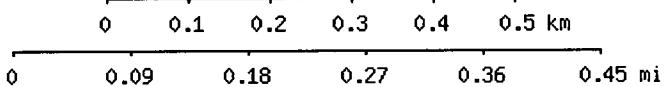
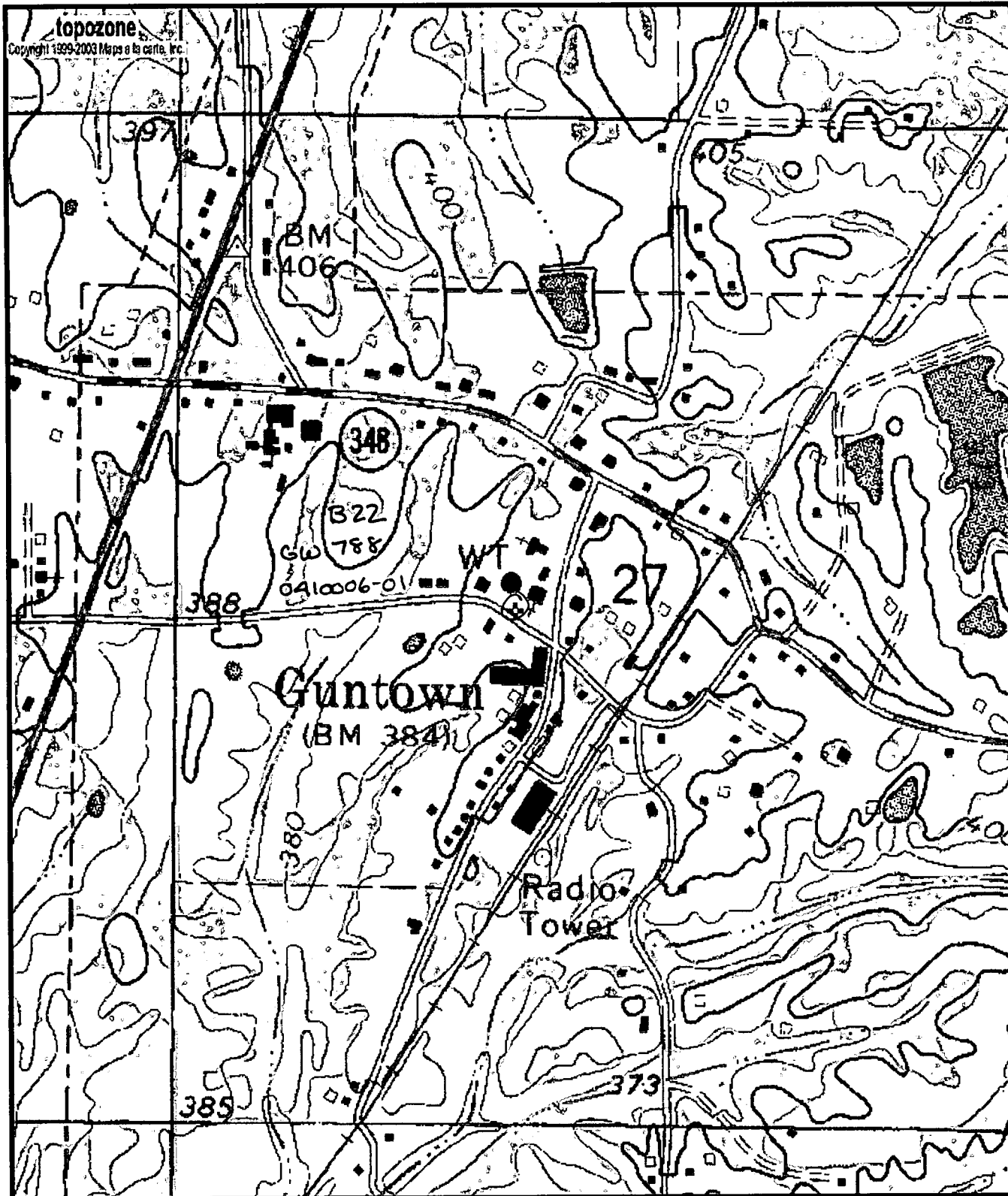
GPS CORRECTED LOCATION: LAT. 34.443862 LONG. 88.660227

REMARKS: _____

B2Z-Guntown ✓







Map center is 34° 26' 38"N, 88° 39' 37"W (WGS84/NAD83)

Guntown quadrangle

Projection is UTM Zone 16 NAD83 Datum

M^k
 M=-0.941
 G=-0.939