

0410018-02

GW00586

Bissell

WRD Exp. (GW)
April 1966

Well No.

K63

WELL SCHEDULE

E log # 51

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by P.E. Grantham Source of data Drv. + E. Log Date 6-12-68 Map Bissell Quad

State Mississippi County Lee Co. (or town) Lee Co. 411

Latitude: 34 11 31 N Longitude: 088 46 50 W Sequential number: 1

Lat-long accuracy: 3 T. 10 S. R. 5 W. Sec. 16 SE SW SW SE

Local well number: K063CD1610505E Other number: B & H

Local use: 021051 Owner or name: Palmetto Wtr. Assoc

Owner or name: PALMETTO W.A. Address: Well # 1

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other WA P

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

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

Hyd. lab. data:

Qual. water data; type: EUTW

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: E Log 67 to 618 D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 619 ft. 3 ft. 3 accuracy

Depth cased; (first perf.): 569 ft. Casing type: 8 in. 8

Finish: porous gravel w. concrete, (perf.), gravel w. (screen), horis. open gallery, end, other 5

Method Drilled: air bored, cable, dug, hyd jacked, air rot., percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 6-68 9:6:8 Pump intake setting: 30 ft. 30

Driller: Hevndon-Homan Drlg Co. Shannon, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 40 Shallow

Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 30 Trans. or water no. 30

Descrip. MP 330 above ft below LSD - Alt. MP 340

Alt. LSD: 340 Accuracy: 10' CT 4

Water Level 174 ft above below MP; Ft. above below LSD 174 Accuracy: 300 D

Date meas: 6:6:8 Yield: 200 gpm Method determined 40

Drawdown: 30 ft Accuracy: 30 Pumping period 40 hrs

QUALITY OF WATER DATA: Iron 30 ppm Sulfate 30 ppm Chloride 30 ppm Hard. 30 ppm

Sp. Conduct 30 K x 10 30 Temp. 30 °F Date sampled 30

Taste, color, etc.

WELL NO.

K63

Well No. K63

Latitude-longitude _____
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, (B) dunes, (P) flat, (H) hilltop, (K) sink, (L) swamp, (S) offshore, (T) pediment, (U) hillside, (V) terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G.P.

Eutaw

Lithology: G Origin: _____ Aquifer Thickness: 86 ft

Length of well open to: 8.6 ft Depth to top of: 5.29 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" ss.

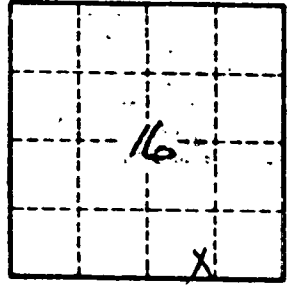
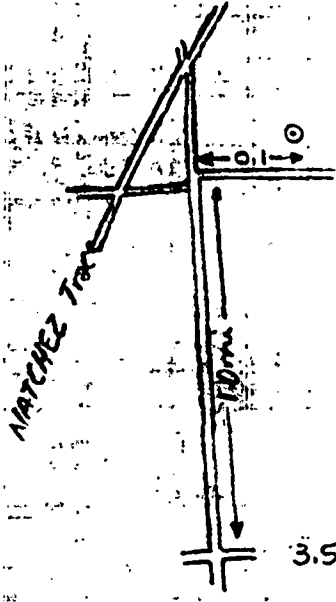
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ spd/ft² Coefficient Storage: _____

Coefficient Perm: _____ spd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____



WELL NO.

K63

3.5 mi Uevona, Miss

13C

K38 M
Lower
Butaw

Lee
K63
12-68
U.S.G.S.

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

ELOG #51

CODED

WATER WELL DRILLERS LOG

Herndon-Homan Well & Supply, Inc. Lee

date well completed 1968 firm name P.O. Box 52 county well located SHANNON, MISSISSIPPI 38868

LANDOWNER:	description of formations encountered	from	to
(mailing address)			
Palmetto Water Associates	Red clay	0	10
286 Tupelo, Miss.	White clay	10	15
	Over clay	15	110
	Blue clay	110	214
	Sandy Blue clay	214	370
	Red	370	371
	Sandy Blue clay	371	385
	Sand	385	440
	sand w/ shale	440	524
	Sand	524	610
	Blue clay	610	619
	Gotta	619	
<p>WELL LOCATION: SE4 SW4 SE4</p> <p>sec. 10 T. 10 N R. 5 E</p> <p>3 1/2 miles W of Verona</p> <p>(distance) (direction) (nearest town)</p>			
<p>WELL PURPOSE: Community</p> <p>(home, irrigation, municipal, industrial)</p>			
<p>WELL COMPLETION DATA:</p> <p>(1) diameter (inches) 8"</p> <p>(2) total depth (feet) 619'</p> <p>(3) static water level (feet) 174' below top of ground.</p> <p>(4) casing Steel, 526' (material) (depth)</p> <p>4" (size) if telescope see back.</p> <p>(5) screen 50' 569' (length) (depth to top)</p> <p>8" 55 (size) (material)</p> <p>(6) pump 30 200 (HP) (yield gpm)</p> <p>electric (type power)</p> <p>(7) electric log Yes (yes or no)</p> <p>USGS (organization running log)</p> <p>(8) how well bottom plugged B/A</p>			
<p>DRILLERS REMARKS:</p> <p>wea # K63</p>			

Ⓟ

If well telescopes please sketch and show depths.

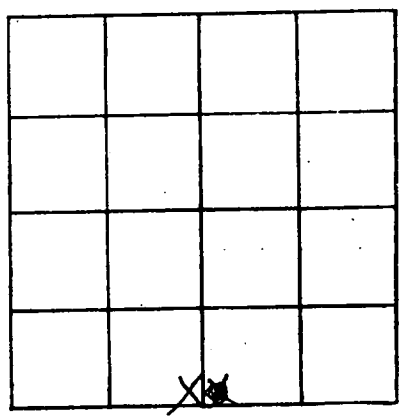
GROUND LEVEL

526'
CASING 8"

50' 4"
SCREEN

44' 0"
4" LAP
PIPE

GRAVEL
PACK



SECTION 16

Please indicate well location X.

ADDITIONAL INFORMATION

DEC 7 1969

MASS. BD. OF
WATER COMM.

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jennings/Phillips DATE: 10/29/98
UNIT DEQ #: _____ FILE #: B102915B
(17-01)
HEALTH DEPT. #: 410018-02 ELEV. 330
USGS #: K631 OLWR #: GW00586
OWNER: Palmetto W.A QUAD: Bissell
LOCATION: SW/SE S16 T10S R5E COUNTY: Lee
LOCATION DESCRIPTION: On gravel rd @ 0.1 mile east of CR
261
CASING DIA: _____ PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 34°12'23.3" LONG. 88°46'45.0
GPS CORRECTED LOCATION: LAT. 34.206494 LONG. 88.779260
REMARKS: GPSd @ 10' from well, outside fence

Palmetto Water

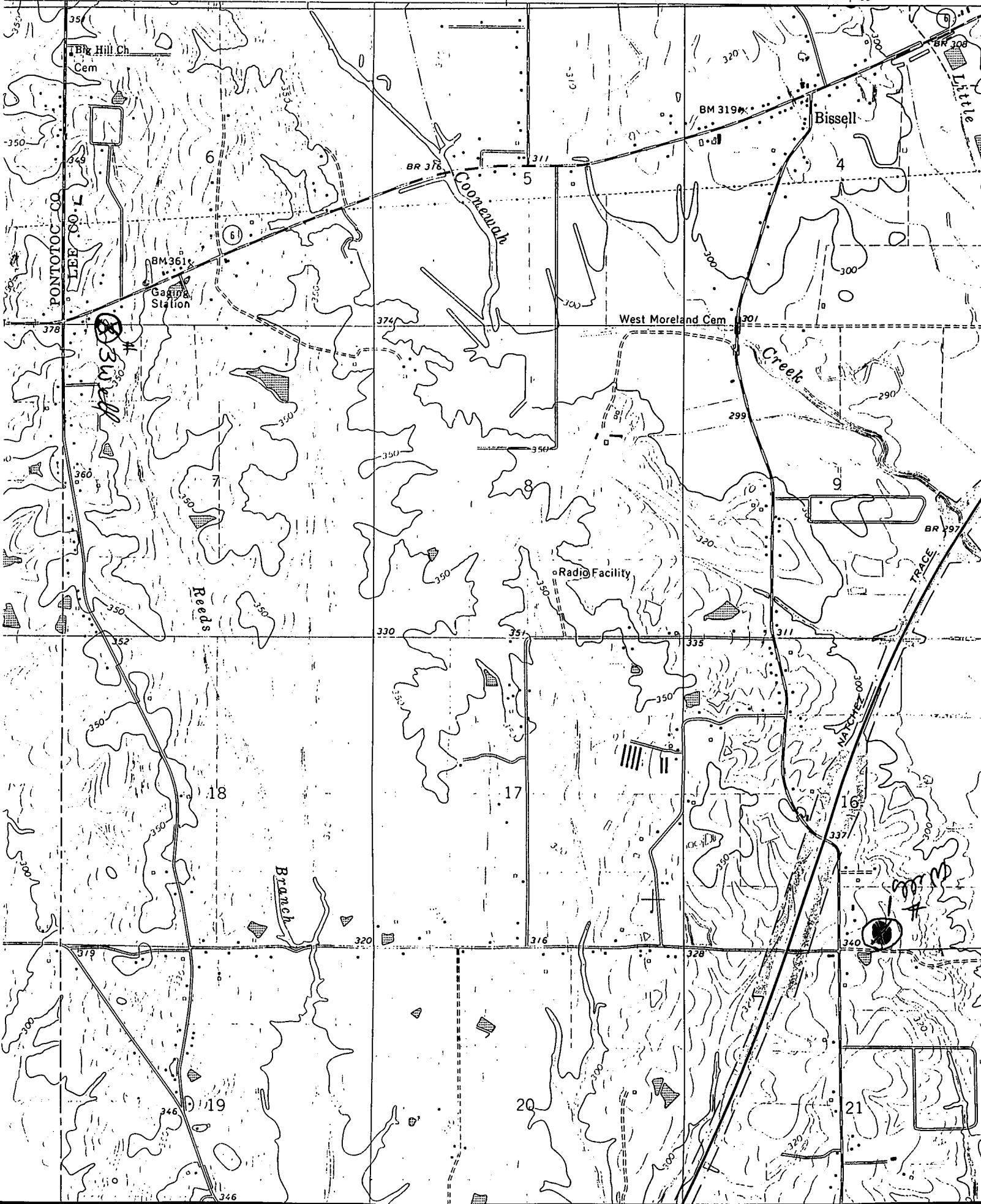
R. 4 E. R. 5 E.

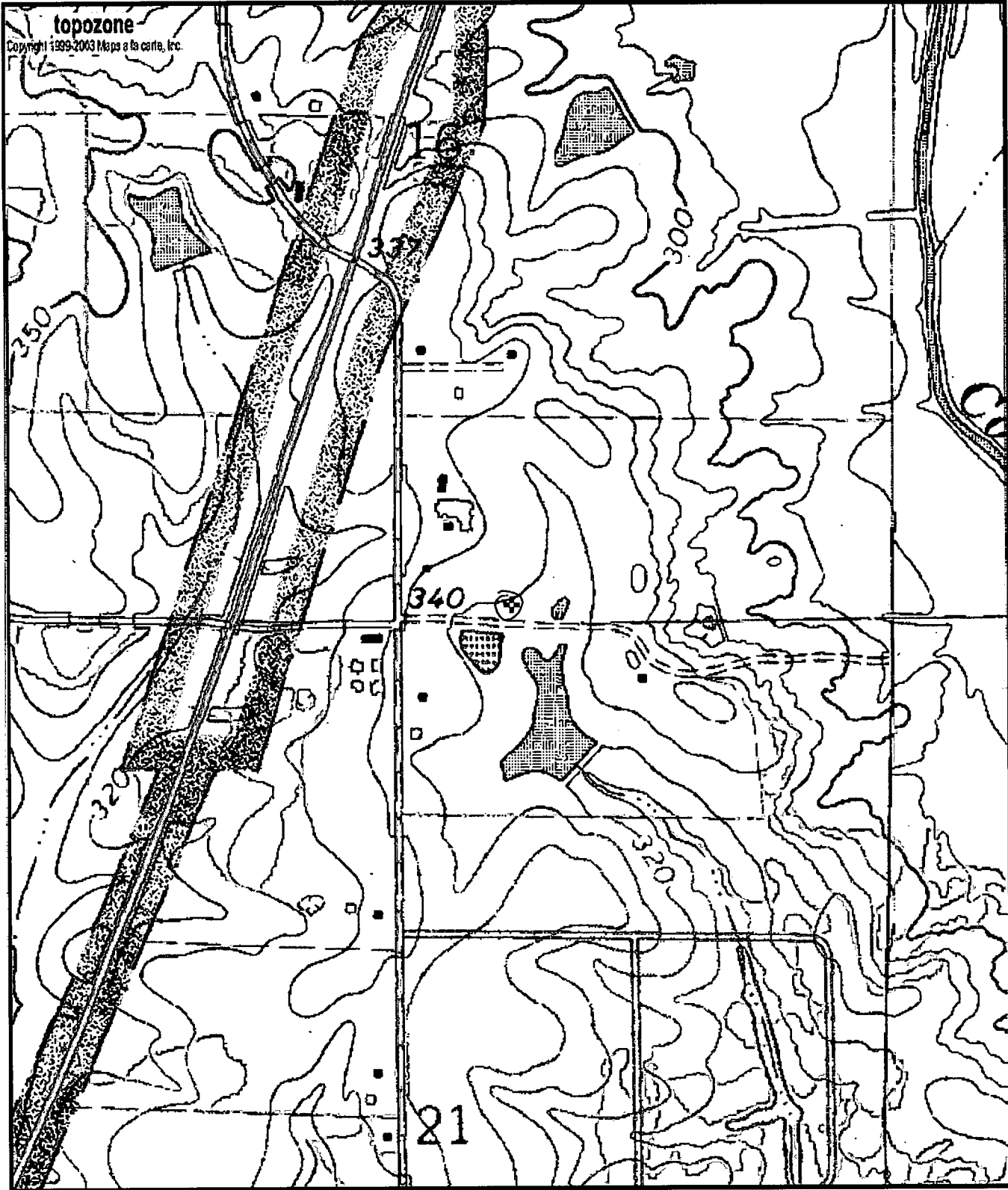
3252 IV SE
(SHERMAN)

334

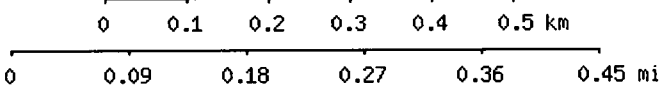
47'30"

336

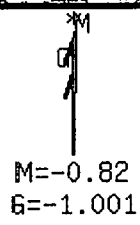




K63
 GW00586
 0410018-02



Map center is 34° 12' 23"N, 88° 46' 45"W (WGS84/NAD83)
Bissell quadrangle
 Projection is UTM Zone 16 NAD83 Datum



M=-0.82
 G=-1.001