

Framster Lake well

GW 6828

Tupelo

FORM 7-10-2 (1-68)

17

0410015-10

Well No.

H105

WELL SCHEDULE

Elog # 59

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

(B06H6)

W.W. SAMPLE 788.0

PUNCHED

MASTER CARD

Record by WJK Source of data Obs drilled Date 4/28/71 Map Tupelo

State 28 County (or town) Lee 41

Latitude: 341519N Longitude: 0883939 Sequential number: 1

Lat-long accuracy: 20 T 9 S R 6 W, Sec 34, NE 1/4, SW 1/4

Local well number: H105BC3409S06E Other number: #17 B & M

Local use: 021059 Owner or name: Tupelo

Owner or name: TUPELO Address:

Ownership: County, Fed Gov't, 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 S, Rec. P

(S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other SP

Use of well: (A) 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:

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards: EUTW yes

Log data: Elog 10' - 520 DIE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 423 ft Meas. rept 3

Depth cased; (if not perf.): 343 ft Casing type: 12Y8 in

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

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) jetted, (J) air rot., (P) percussion, (R) reverse, (T) air reverse, (V) trenching, (W) driven, (B) drive wash, (B) other 4

Date Drilled: 971 Pump intake setting: 36 ft

Driller: Herndon-Homan Shannon

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg., (T) turb., (B) other 7 Deep Shallow

Power (type): elec nat LP 50 Trans. or meter no.

Descrip. MP 310 ft above LSD, Alt. MP Topo 5

Water Level 149 ft above MP; 149 ft below LSD Accuracy: 320 @ 65' D

Date meas: 165 Yield: 290 gpm Method stop 1

Drawdown: 671 ft Accuracy: 30 Pumping period hrs 1

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

Sp. Conduct K x 10⁶ Temp. F Date sampled 77 78

Taste, color, etc.

11/18/82
WL = 212.28'
1987
W.L. = 199.76
3002 out
5/22/91
HCR 220.00
Cut 31.50
188.50
MP 2.10
186.40

220.94781
12/14/78
AL = 208.60

Well No. H105

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Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: _____ Section: 013

D Drainage Basin: 113C Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series K3 aquifer, formation, group M/S

Lithology: _____ Origin: 6 Aquifer Thickness: 90 ft

Length of well open to: _____ ft 80 Depth to top of: _____ ft 338

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' c.s.

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

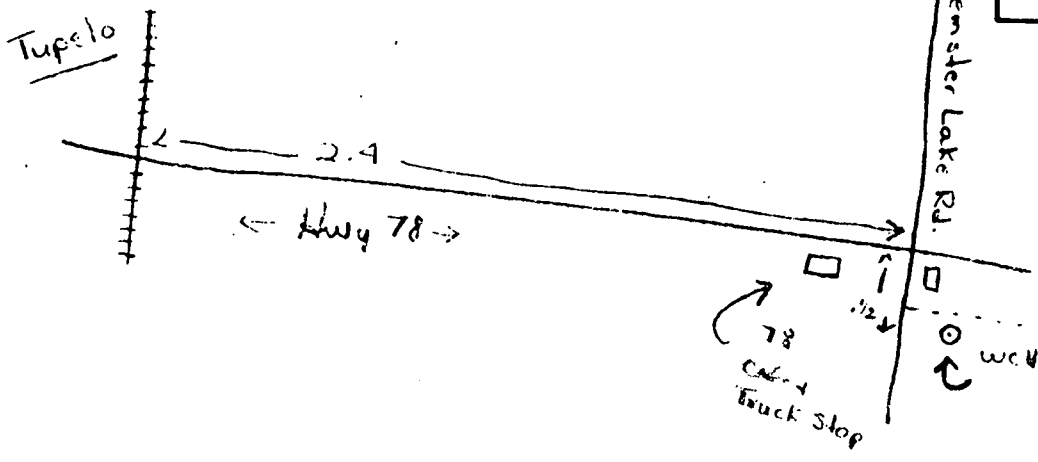
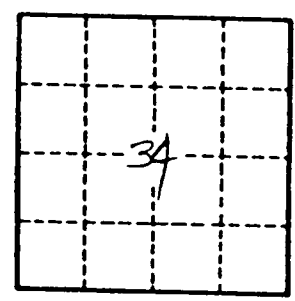
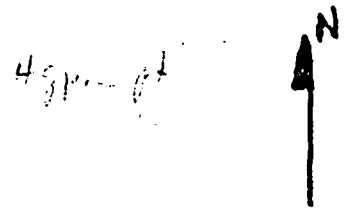
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

Ewtw



Well No. _____

E LOG #59

LEE
H 105
7-14-71

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

CODED

WATER WELL DRILLERS LOG
Horton-Roman Well & Supply, Inc.

P. O. Box 42

Lee

7-14 1971
date well completed

MISSISSIPPI 38402 county well located

LANDOWNER:	description of formations encountered	from	to
City of Tupelo	Red Clay	0	12
Water & Light Dept	White Sand	12	30
Tupelo, Miss.	Blue Clay	30	190
(mailing address)	Sand	190	238
WELL LOCATION:	Clay (sand streaks)	238	268
sec. 34 T 9 N R 6 E	Sand (Clay streaks)	268	330
0 miles of Tupelo	Shale	330	338
(distance) (direction) (nearest town)	Sand	338	368
WELL PURPOSE: Municipal	Shale	368	372
(home, irrigation, municipal, industrial)	Sand	372	396
WELL COMPLETION DATA:	Shale	396	400
(1) diameter (inches) 12 x 8	Sand	400	428
(2) total depth (feet) 575 429	Quartz (streaks sand)	428	459
(3) static water level (feet) 149 below top of ground	Brown Sand	459	475
(4) casing Steel 340 (material) (depth)	Quartz	475	494
12" (size) if telescope see back.	Brown Sand	494	505
(5) screen 80' 343' (length) (depth to top)	Chert	505	515
8" (size) Stainless Steel (material)			
(6) pump 50 (HP) 300 (yield gpm)			
electric (type power)			
(7) electric log yes (yes or no)			
W&S (organization running log)			
(8) how well bottom plugged B/W Valve			
DRILLERS REMARKS:			

CODED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: 82857 FILE #: B042621A

HEALTH DEPT. #: 410015-10 ELEV. 310

USGS #: H105 OLWR #: GW06828

OWNER: Tupelo Quad: Tupelo

LOCATION: SW S 34 T 9 S R 6 E COUNTY: Lee

LOCATION DESCRIPTION: Feemster Lake well

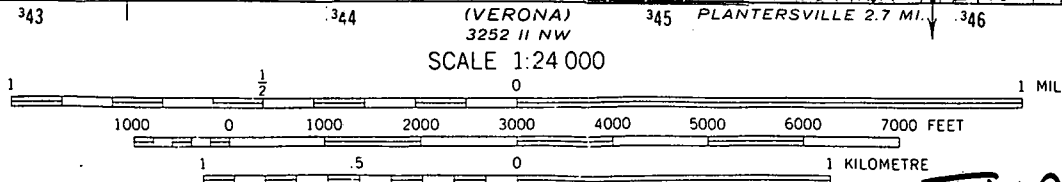
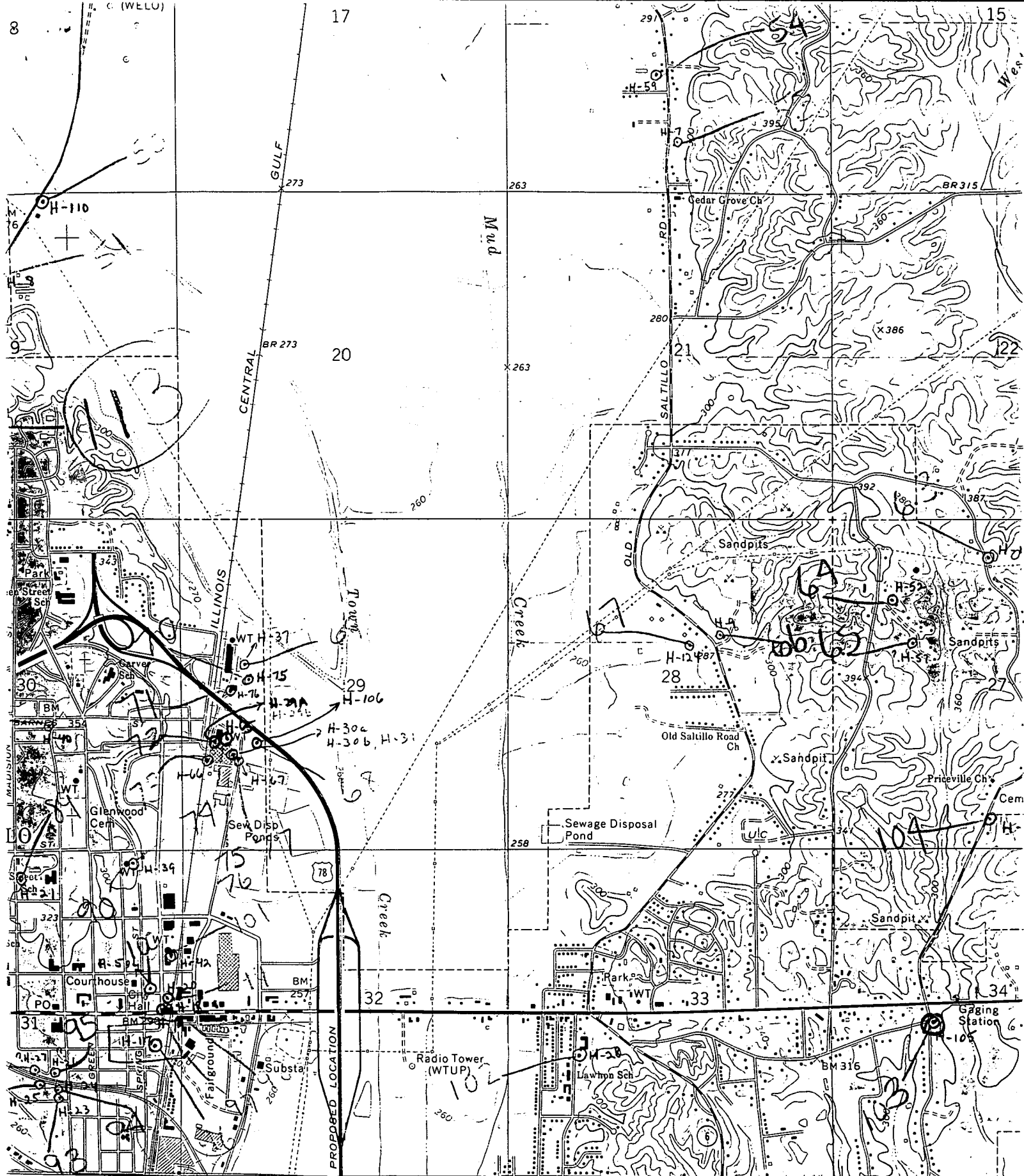
CASING DIA: _____ PUMP TYPE & SIZE: _____

GPS FIELD LOCATION: LAT. 34° 15.422 LONG. 88° 39.663

GPS CORRECTED LOCATION: LAT. 34.257046 LONG. 88.661715
LAT. 34 15 25.355 LONG. 88 39 42.167

REMARKS: _____

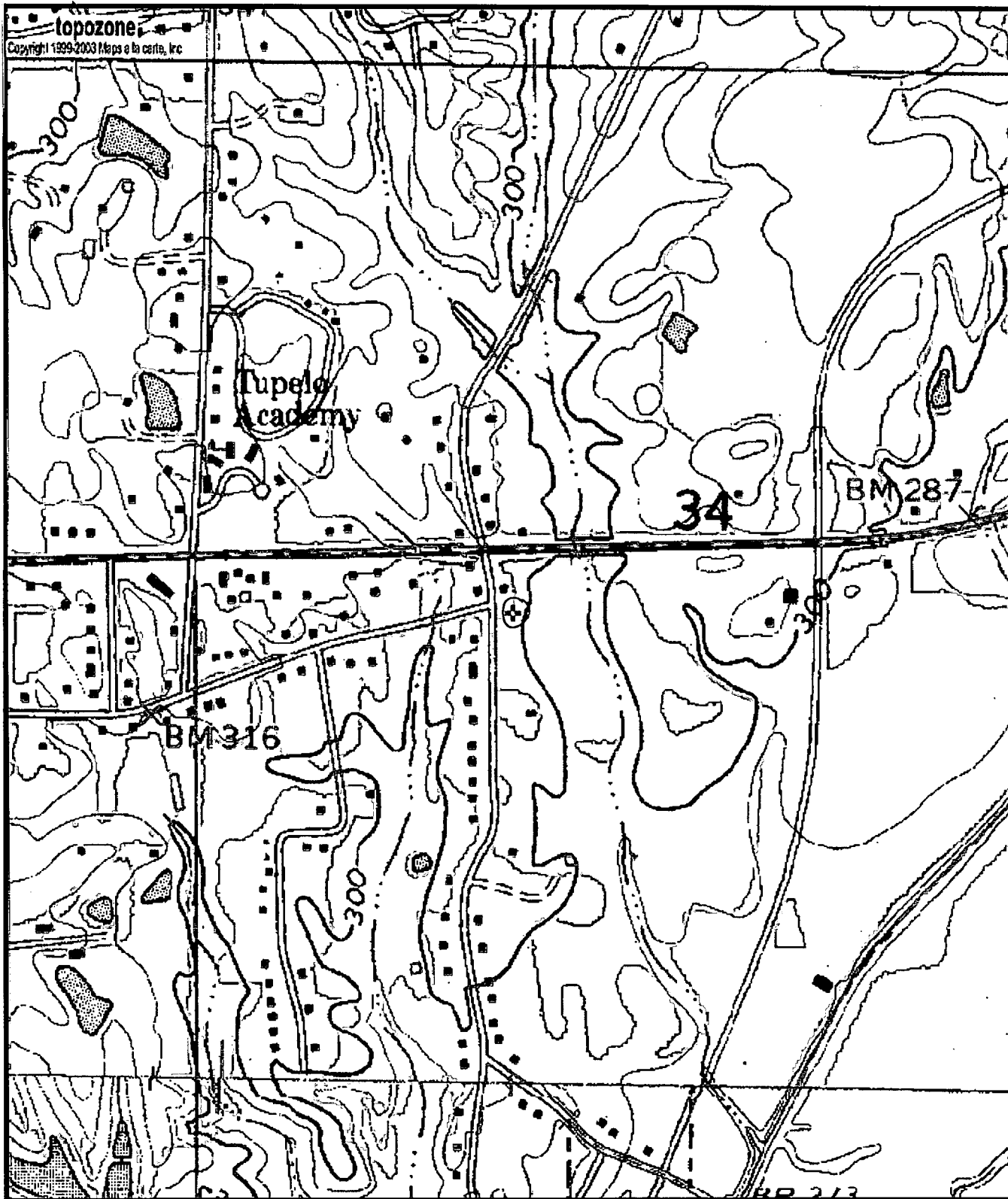




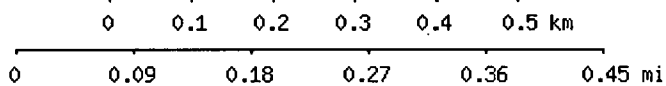
CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 10-FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

TUPELO
QUAD





H105
 Gw06828
 0410015-10



Map center is 34° 15' 25"N, 88° 39' 42"W (WGS84/NAD83)

Tupelo quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.915
 G=-0.936