

WELL SCHEDULE

E-log # 52

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by P.E. Grantham Source of data Driv. & E Log Date 7-5-68 Map Sherman Quad

State Mississippi County Lec (or town) Lee

Latitude: 34 20 58 N Longitude: 088 44 55 Sequential number: 1

Lat-long accuracy: 2 8 5 W Sec 27; NW NE

Local well number: D025D B2708 S05E Other number: B & M

Local use: 021052 Owner or name: North Lee WA #2 well

Owner or name: NORTH LEE WA Address: 4 mi W of Salltillo

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, Med, Ind, P S, Rec, WA

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: USGS 4/72

Freq. sampling: Pumpage inventory: yes no, period:

Aperture cards: EUTW yes

Log data: E Log 6-662

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 594 ft Meas. rept accuracy 3

Depth cased: (first perf.) split screen ft 500 Casing type: steel; Diam. 10X6 in 10

Finish: porous concrete, gravel w. screen, (perf.), (screen), (gall), (end), (open perf.), (screen, sd. pt.), (shored), (open hole), 6

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) wash, (M) other, H

Date Drilled: 7-68 968 Pump intake setting: 180 ft

Driller: Herndon, Homan Drlg Co. Shannon, Miss

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) noise, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other, Deep Shallow

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

Descrip. MP above ft below LSD. Alt. MP

Alt. LSD: 300 300 Accuracy: (source) 5

Water Level: 67 ft above MP; 67 ft below LSD Accuracy: D

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

Drawdown: 67 ft Accuracy: 67 hrs

QUALITY OF WATER DATA: Iron 775 ppm Sulfate 4 ppm Chloride 185 ppm Hard. 472 ppm

Sp. Conduct 775 K x 10 4 Temp. 185 F Date sampled 472

Taste, color, etc. pH = 8.0 USGS

Well No. D25

Well No. D25

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) (P) (R) (K) (L) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

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

Lithology: 05 Origin: 6 Aquifer Thickness: 72 ft

Length of well open to: _____ ft 62 Depth to top of: _____ ft 534

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: 6" 55 @ 532-594

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

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

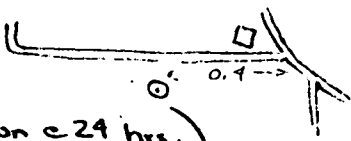
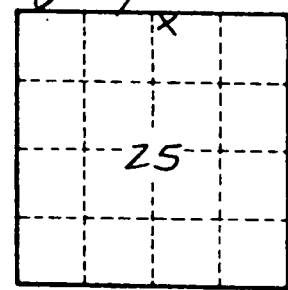
Surficial material: _____ Infiltration characteristics: _____

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

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

350 customers on both wells.
Mr. Murray Long has key
Sattilo, Miss.

8,000 gal. pressure storage to



(driller rpt 88' draw down c 24 hrs.
200 gpm)

Well No. D25

ELOG # 52

130 K38M

coded

Lee
D25
12-68
U.S.G.S.

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

check name on log?

WATER WELL DRILLERS LOG

Herdon-Homan Well & Supply, Inc.

12 19 68 date well completed

firm name SHANNON, MISSISSIPPI 38804
Box 42 Lee
county well located

LANDOWNER:	description of formations encountered	from	to
N. Lee County Water Ass.	Surface sand & clay	0	10
At 1, Saffilo, Miss (mailing address)	Blue clay	10	45
	Sand shale	45	47
	SAND	47	77
WELL LOCATION: NW 4 NE 1/4 NE 1/4	SAND shale	77	83
sec 27 T 8 R 5 E	SAND	83	105
S miles SW of Saffilo	Rock (Hard)	105	106
(distance) (direction) (nearest town)	SAND (black powder)	106	145
WELL PURPOSE: Community	Blue clay	145	172
(home, irrigation, municipal, industrial)	Rock	172	174
WELL COMPLETION DATA:	SAND + shells	174	195
(1) diameter (inches) 10"	Blue clay	195	200
(2) total depth (feet) 206	SAND + shale	200	275
(3) static water level (feet) 67' below top of ground	Rock 3"		
(4) casing Steel 500'	SAND & shale	275	320
(material) (depth)	Gummy clay (sandy)	320	380
10" if telescope see back.	SAND	380	535
(size)	Euler formation	535	600
(5) screen 62' 5.44'	Blue clay	600	615
(length) (depth to top)	SAND	615	636
1" 5/5	Clay	636	662
(size) (material)			
(6) pump 25 200			
(HP) (yield gpm)			
electric			
(type power)			
(7) electric log yes			
(yes or no)			
USGS			
(organization running log)			
(8) how well bottom plugged B/W			

coded

DRILLERS REMARKS:
well # 25

(X)

If well telescopes please sketch and show depths.

GROUND LEVEL

500' of 10"
Casing

559
621
621

62' of 6"
Screen



59' of 6"
Cap
Pipe

Travel
sack

		X	

SECTION 27

Please indicate well location X.

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION

DEC - 5, 1968
MISS. D. O. G.
WATER CONTROL

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): Atlimo DATE: 6-7-99

UNIT DEQ #: 84760 FILE #: A060717C ?

HEALTH DEPT. #: 410025-01 ELEV.: 296

USGS #: D25 OLWR #: 6W13182

OWNER: North W LA #2 QUAD: Sherman

LOCATION: S 37 T 85 R 5E COUNTY: Lee

LOCATION DESCRIPTION: Take 145 N to Birmingham Rd. Rd. Go 3.4
mi. to curve take left. Go .4 mi. to well on left

Go under Natchez Trace Bridge

CASING DIAM: _____ PUMP TYPE AND SIZE: Turbine

GPS FIELD LOCATION: LAT: 34 21.870 N LONG: 88 45.7571 W

GPS CORRECTED: LAT: 34.364438 LONG: 88.762581

REMARKS: You will pass Airpax service station on Rt. 1 down the
rd garden park estate on left. Approx 1/2 mile is the rd on the left.
Go to Frog Island

p253

34
88



SHERMAN QUAD

7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 SHERMAN 15' QUADRANGLE

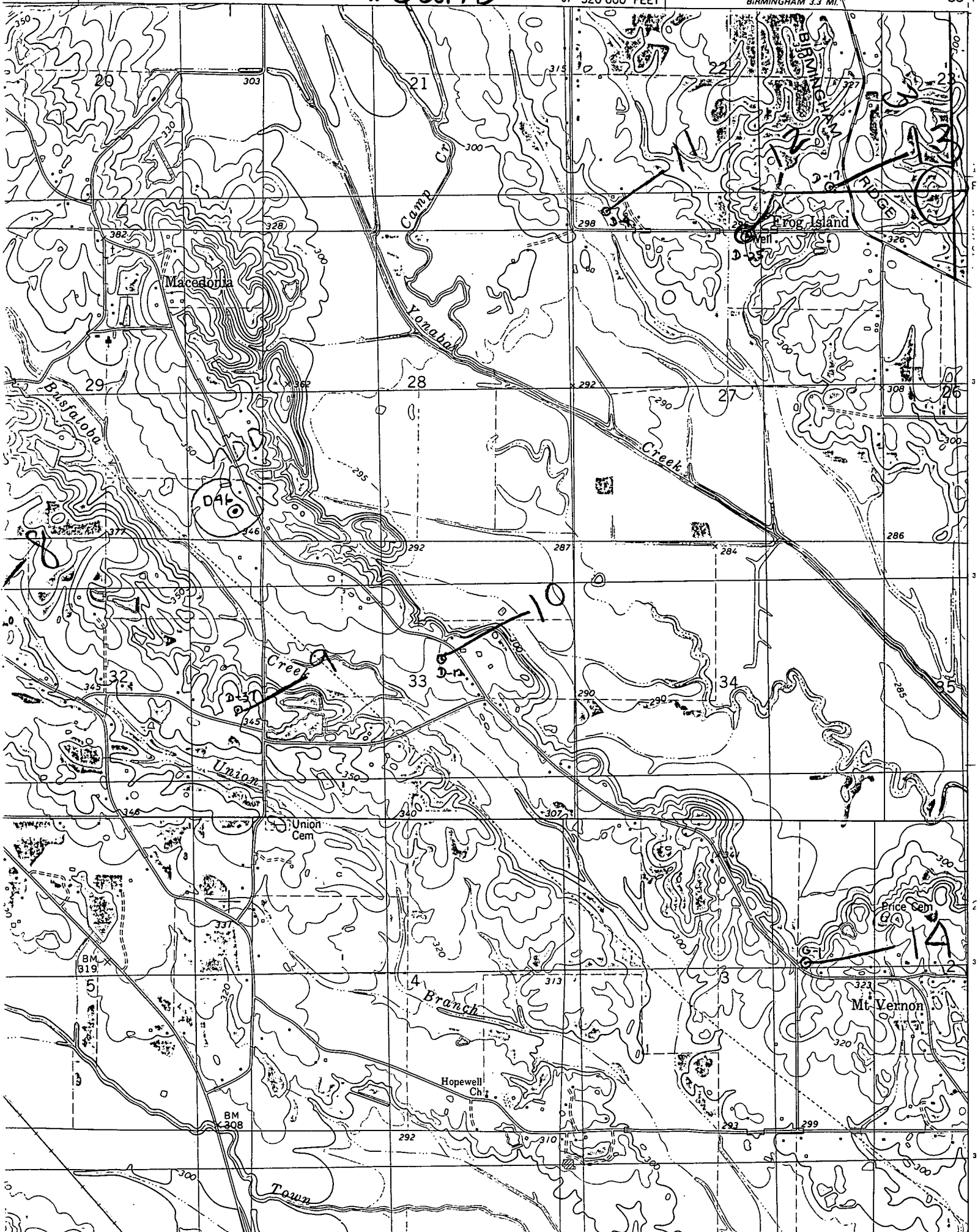
35 47'30"

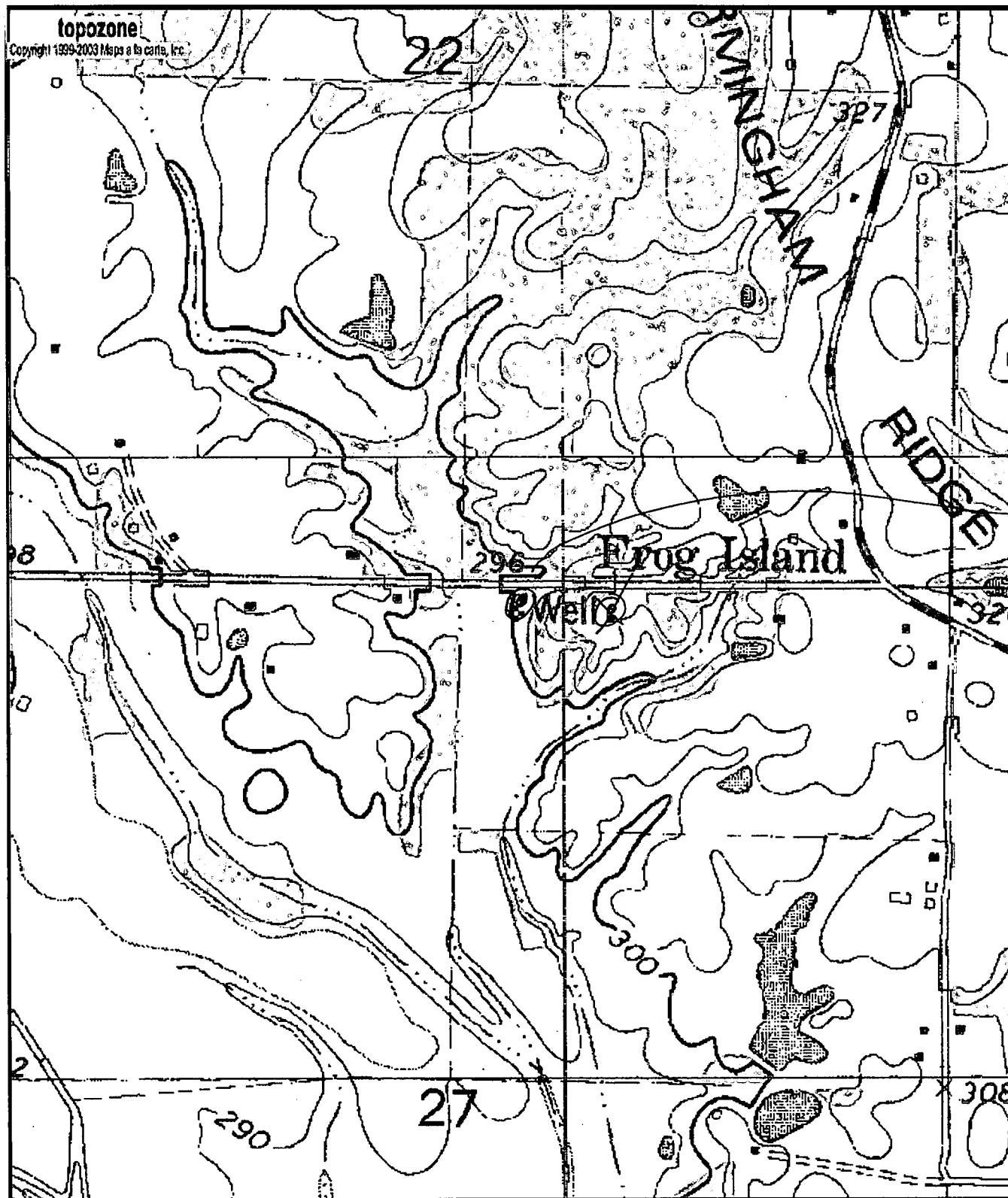
36

37 520 000 FEET

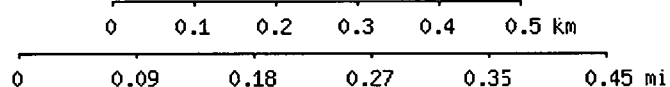
BIRMINGHAM 3.3 MI.

88°4





D 25
 G 213182
 0410025 -01



Map center is 34° 21' 52"N, 88° 45' 45"W (WGS84/NAD83)

Sherman quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.854
 G=-0.995