

No Driller's log
SITE ID. 321907089013901 GW02440

233D

PUNCHED
L64 APR 4 1974

FORM 9-1642 (1-68)

0510006-01

Well No.

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

MUWX

HICKORY QUAD

APR 22 1974
PUNCHED

Record by WTO Source of data MSGs Date 10/72 Map _____

State 8 MISS 28 County (or town) NEWTON 24 51

Latitude: 32 19 07 N Longitude: 088 01 39 Sequential number: 1

Lat-long accuracy: 2 T 6 S, R 12 W, Sec 36 N DE E, MEV t, SW NW/NE/SE/SW

Local well number: L064 AC 36 06 N 12 E Other number: _____

Local use: 184028 Owner or name: _____

Owner or name: HICKORY Address: _____

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

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

Freq. sampling: Pumpage inventory: no. period: _____

Aperture cards: yes

Log data: E log 10' - 424' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 414 Meas. 3

Depth cased: 374 Casing type: _____; Diam. 20x816 20

Finish: S

Method Drilled: H

Date Drilled: 9-15-72 972 Pump intake setting: _____ ft

Driller: Sumner

Lift (type): X Deep Shallow

Power (type): U Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 324 Accuracy: topo 4

Water Level: 16 Accuracy: 140 @ 51# A

Date meas: 6-6-72 N79 Yield: 15# 230 Method determined: _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc. _____

MU
FP

10/13/87
23.19
- 1.75MP
21.44

300
304
176
123

PUNCHED
DATE 4 24

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
20 21

D Drainage Basin: U3P Subbasin: _____
19 22 23 24

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
depression, stream channel, dunes, flat, hilltop, sink, swamp,
(O) (P) (S) (T) (U) (V) _____
offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: TE MW
system series aquifer, formation, group
28 29 30 31

Lithology: US Origin: 2 Aquifer Thickness: 64 ft
32 33 34

Length of well open to: _____ ft 40 Depth to top of: _____ ft 350
33 37 38 40 34 35

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

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

Length of well open to: _____ ft _____ Depth to top of: _____ ft _____
51 53 54 56 57 59

Intervals Screened: _____

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

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

Surficial material: _____ Infiltration characteristics: _____
70 71 72

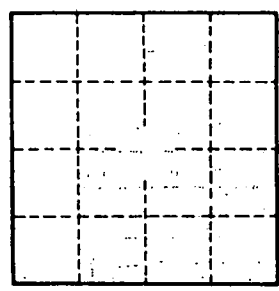
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
73 75 76 78

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

26 dd e 230 gpm

pH = 8.6
Color = 5
CL = 15
Hard = 10
Fe = < .10

sd
Very unusual for Meridian Upper
in area E to east Wilcox
at Chunky
& to west
& exp sta.



Well No.

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-02440

County: NEWTON

Owner: HICKORY, TOWN OF

Aquifer: MUWX

USGS No: L0064

BOH No: 0510006-01

Location: SE 1/4 of the SW 1/4 of SEC 36 TWN 06N RNG 12E **Lat:** 321853 **Long:** 890131

Quad: HICKORY

District: N/A

Date Issued: 22-APR-86

Date Renewed: 13-AUG-96

Date Expired: 22-APR-06

Applicant: HICKORY, TOWN OF

Owner: HICKORY, TOWN OF

Address 1: P. O. BOX 10

Address 1: P. O. BOX 10

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: HICKORY

City: HICKORY

State: MS **Zip:** 39332.

State: MS **Zip:** 39332

Driller: GRINER DRILLING

Maximum Rate: 150

Amcunt Withdrawn Acre feet: 22.4064

Amount Withdrawn Mgd: .02

Use

FIRE PROTECTION
MUNICIPAL

Casing

Type: STEEL
Diameter: 20
Length: 10

Screen

Type: STAINLESS STEEL
Diameter: 6
Length: 40

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Stewart/Everett DATE: 4/22/98

UNIT DEQ #: _____ FILE #: A042220A

HEALTH DEPT. #: 510006-01 ELEV. 323

USGS #: L-64 OLWR #: GW-02440

OWNER: Town of Hickory

LOCATION: NE SE SW S36 T6N R12E COUNTY: Newton

LOCATION DESCRIPTION: NW of Orange caboose in
town square

CASING DIA: 6" PUMP TYPE & SIZE: sub.

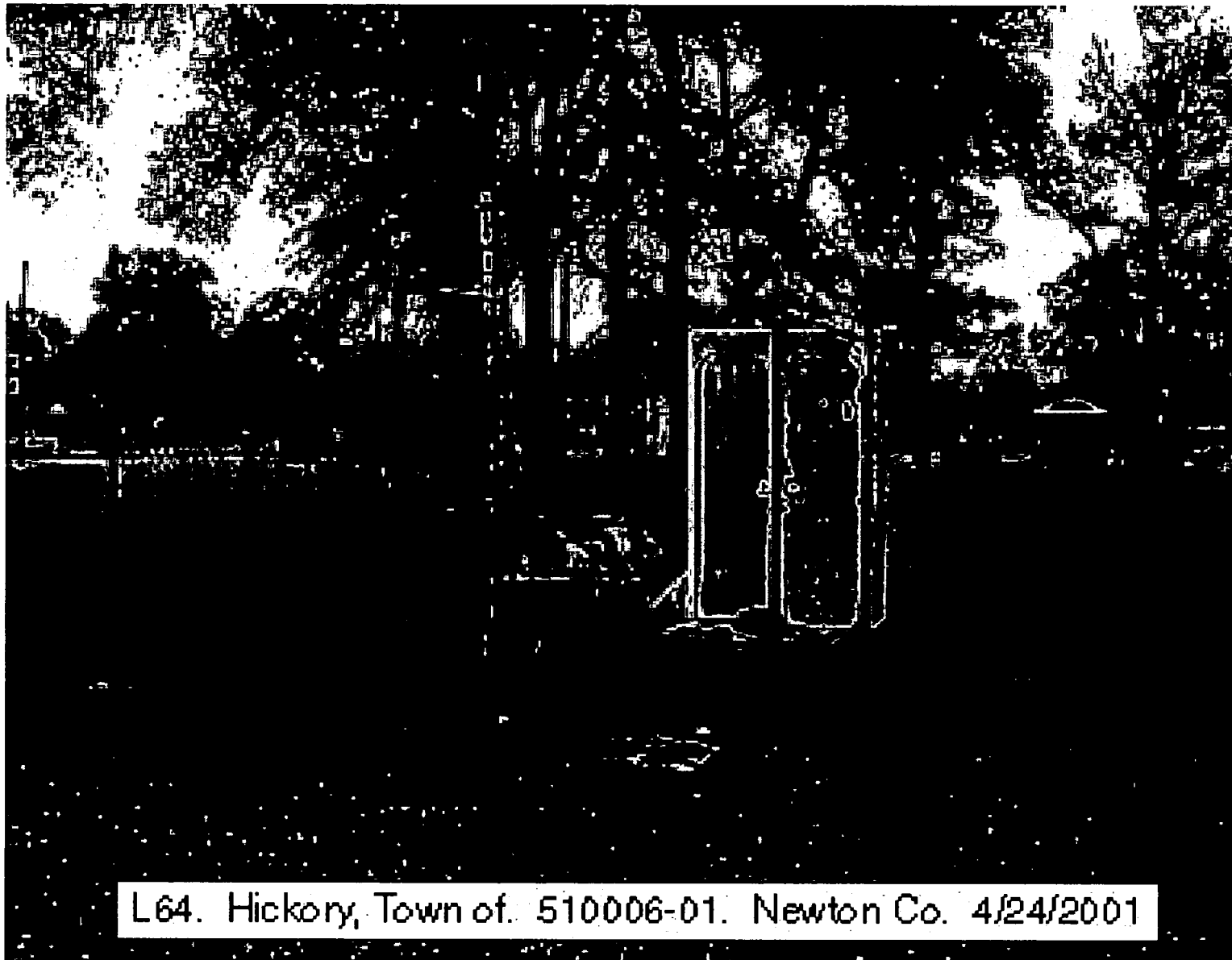
GPS FIELD LOCATION: LAT. 32°18.846' LONG. 89°01.483'

GPS CORRECTED LOCATION: LAT. 32.314295 LONG. 89.025363

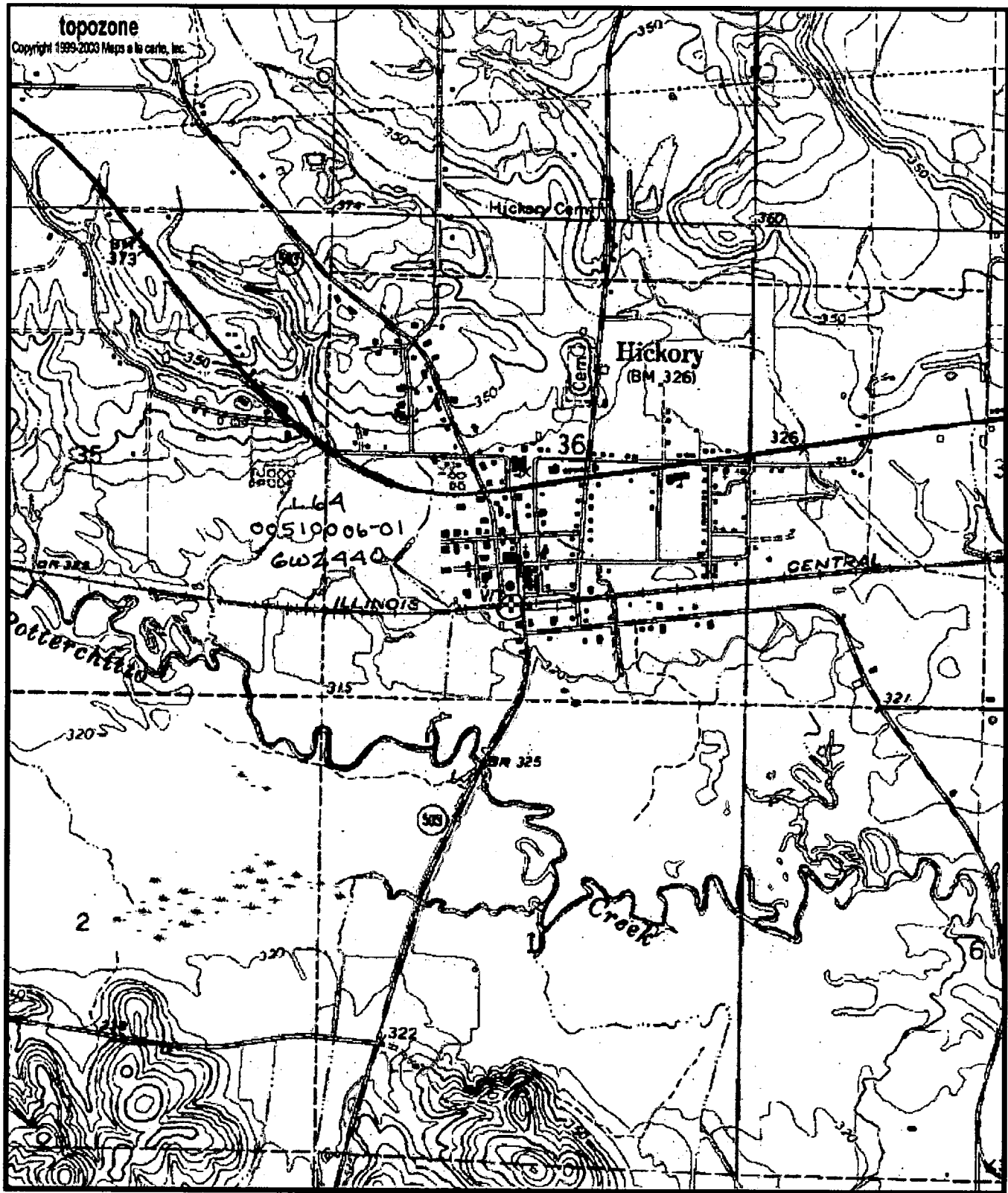
REMARKS: Hickory Quad.

321851

890131



L64. Hickory, Town of. 510006-01. Newton Co. 4/24/2001



Map center is 32° 18' 51"N, 89° 01' 31"W (WGS84/NAD83)

Hickory quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.368
G=-1.083

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USGS Hickory, Mississippi, United States 13 Mar 1996



0 100M

0 100yd

Image courtesy of the U.S. Geological Survey

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