

WRD Exp. (GW)
April 1966

Well No. 22

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD

Hickory Quad

Record by J. A. Callahan Source J. G. Gallaspy
K. Hitt, Lang Boswell 2-18-59 of data Water Supt. Date 2-1-67 Map SE

State Miss 28 County (or town) Newton 51

Latitude: 32 18 48 N Longitude: 089 01 31 Sequential number: 1

Lat-long accuracy: 2 T. 6 S. R. 12 E. Sec 36, SW SW, NE/SE/SW

Local well number: 40029C3606N12E Other number: _____

Local use: OG4 Owner or name: Town of Hickory

Owner or name: HICKORY Address: Hickory Miss

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other DY

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed Z

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

Hyd. lab. data: _____

Qual. water data; type: USGS

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 88 ft Meas. accuracy 88

Depth cased; (first perf.) 68 ft Casing type: steel; Diam. 8x4 in

Finish: (C) porous concrete, (F) gravel w. (screen), (G) gravel w. (gallery), (H) horiz. open end, (I) perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other

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

Date Drilled: 1939 939 Pump intake setting: _____ ft

Driller: Layne Central Co. Jackson Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no.

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

Alt. LSD: 325 Accuracy: C.I. 10

Water Level: 15 ft above MP; Ft below LSD 15 Accuracy: rept

Date meas: 11/54 Yield: 75 gpm

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

QUALITY OF WATER DATA: Iron 07 Sulfate 20 Chloride 25 Hard. 22

Sp. Conduct 162 K x 10⁶ Temp. 66 Date sampled 2.67

Taste, color, etc. _____

Well No. 22

Well No. L2

Latitude-longitude 32 18 48 089 01 30
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: 13P Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) (P) offshore, pediment, hillside, (T) terrace, undulating, valley flat (U) (V) _____ 27 7

MAJOR AQUIFER: Tertiary system, Eocene series, TE aquifer, formation, group, Sparta _____ 30 SS 31

Lithology: sand _____ 32 US Origin: _____ 33 2 Aquifer Thickness: _____ ft 34

Length of well open to: _____ ft 35 10 Depth to top of: _____ ft 36 80 37 38 39 40 41 42

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

Lithology: _____ 48 _____ 49 Origin: _____ 50 _____ 51 _____ 52 Aquifer Thickness: _____ ft 53

Length of well open to: _____ ft 54 _____ 55 Depth to top of: _____ ft 56 _____ 57 _____ 58 _____ 59

Intervals Screened:

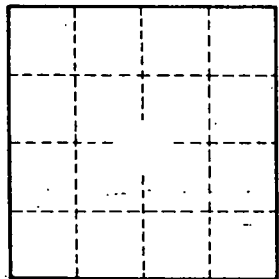
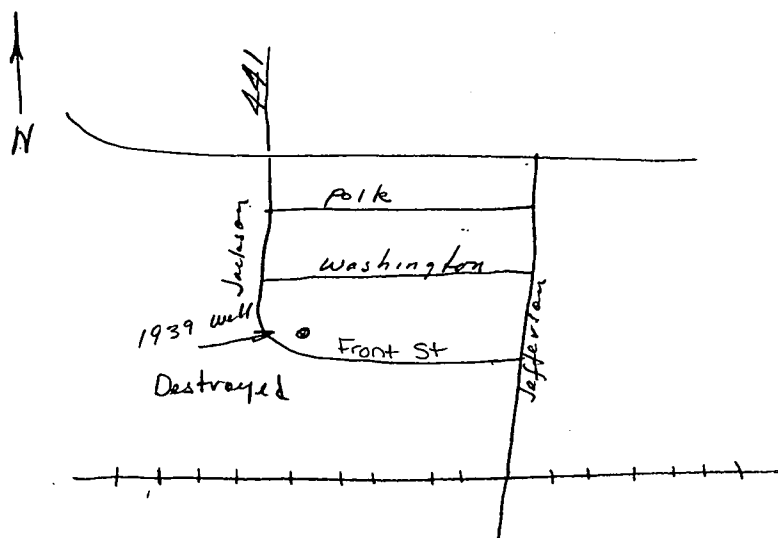
Depth to consolidated rock: _____ ft 60 _____ 61 Source of data: _____ 62 _____ 63

Depth to basement: _____ ft 64 _____ 65 Source of data: _____ 66 _____ 67

Surficial material: _____ 70 _____ 71 Infiltration characteristics: _____ 72 _____ 73

Coefficient Trans: _____ gpd/ft 74 _____ 75 Coefficient Storage: _____ 76 _____ 77

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 78 _____ 79



Well No. _____

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT**

GPS LOG

USER NAME (S): RLB

DATE : 9-23-2004

UNIT DEQ # : _____

FILE # : _____

HEALTH DEPT. # : _____ ELEVATION : _____

USGS # : ~~L5~~ L2

OLWR # : ~~gw-02439~~

OWNER : hickory, town of

QUAD : hickory

LOCATION : _____ S 36 _____ T 6n _____ R 12e _____ COUNTY
newton

LOCATION DESCRIPTION : southwest corner, beside old elevated tank ,
abandoned red brick well house.

CASING DIA : 10

PUMP TYPE & SIZE : destroyed

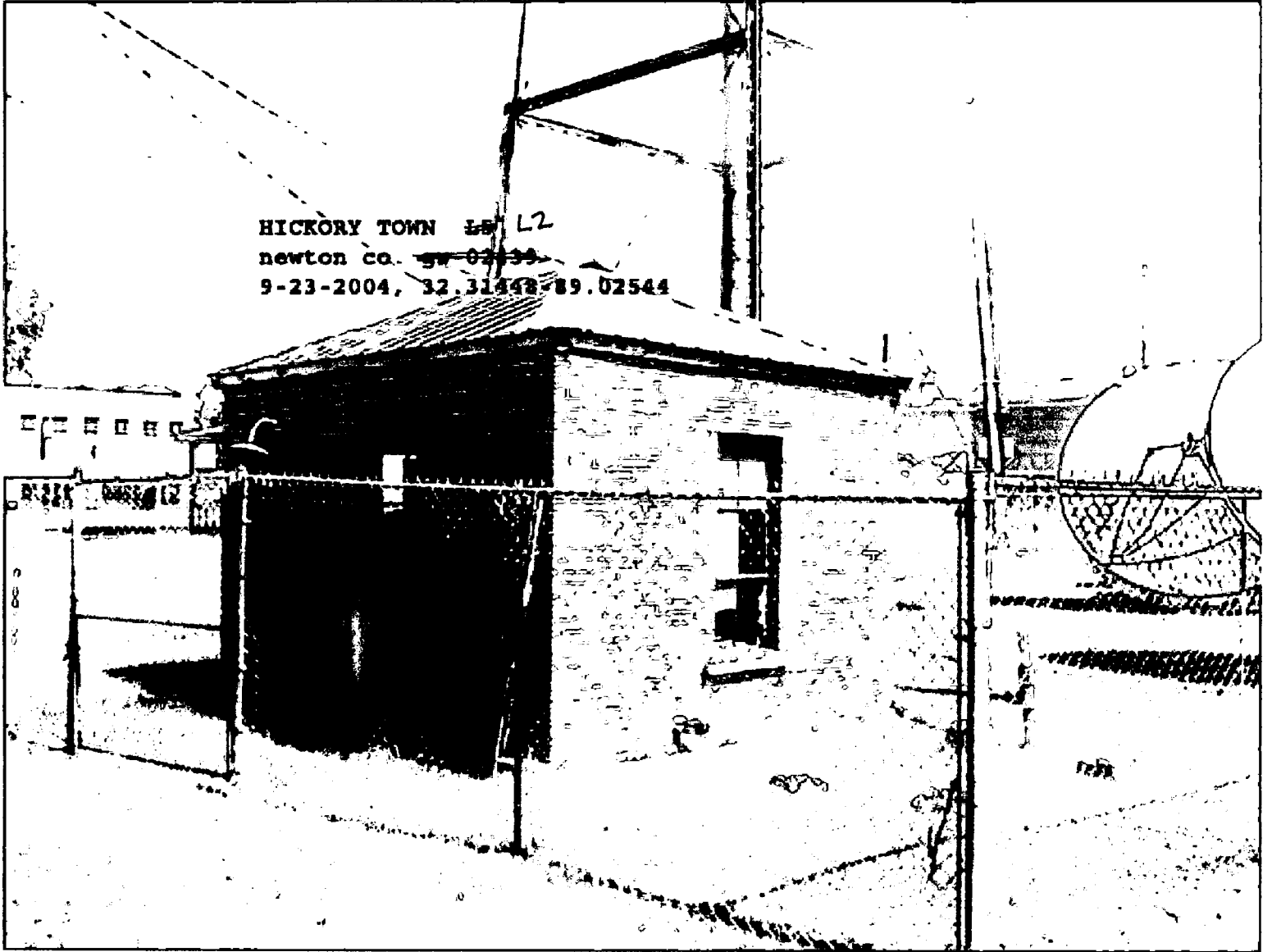
GPS FIELD LOCATION : LAT. 32.31448

LONG. 89.02544

GPS CORRECTED LOCATION : LAT. _____ LONG. _____

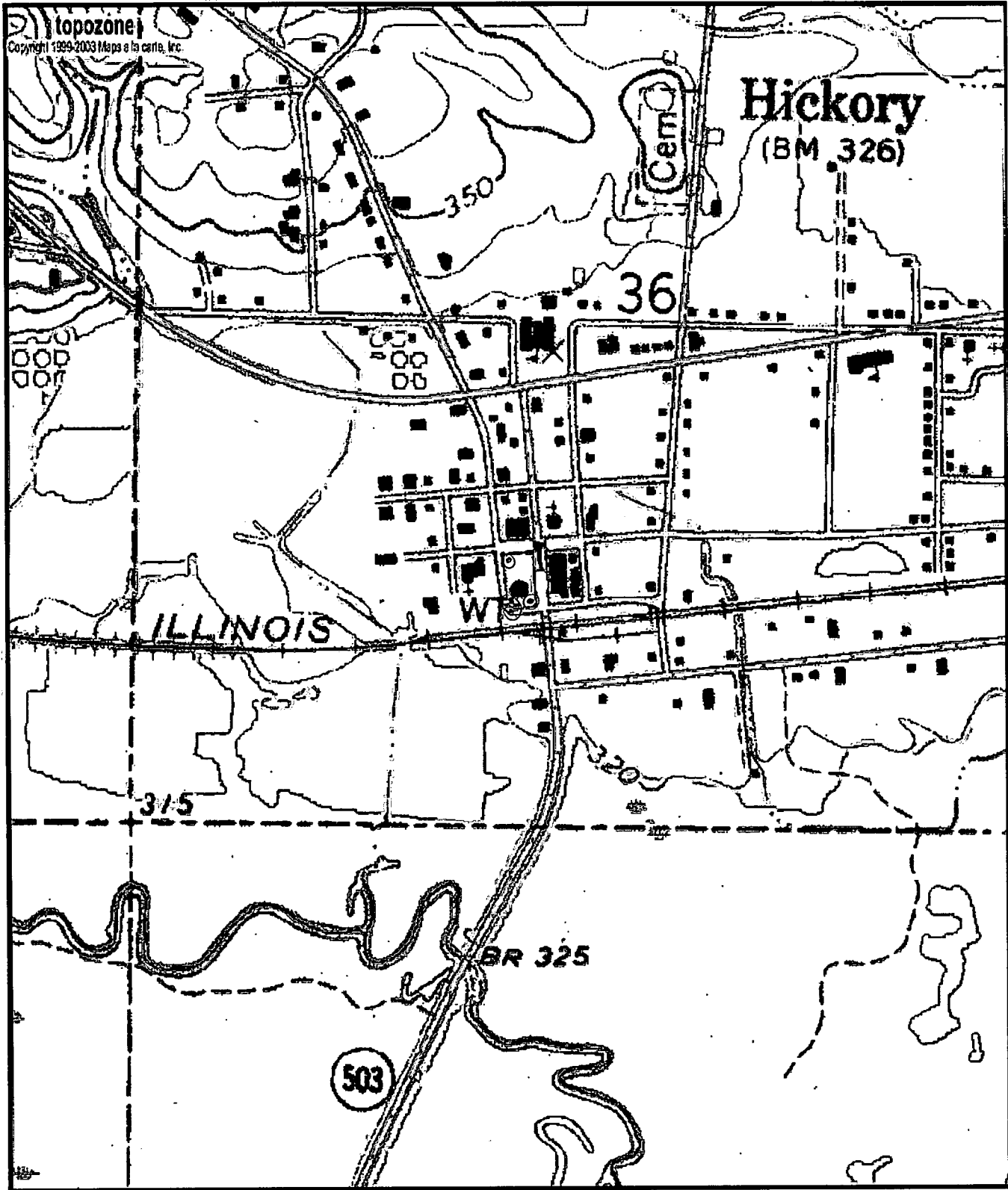
REMARKS : destroyed

HICKORY TOWN ~~LD~~ L2
newton co. ~~SW 07-33~~
9-23-2004, 32.31448 89.02544



L2

RLB



0 0.1 0.2 0.3 0.4 0.5 km
 0 0.09 0.18 0.27 0.36 0.45 mi
 Map center is 32° 18' 52"N, 89° 01' 31"W (WGS84/NAD83)
Hickory quadrangle
 Projection is UTM Zone 16 NAD83 Datum

↑
 M=-0.397
 G=-1.083