

10/31/89
8.90

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

6W02439 No driller's log

WRD Exp. (GW)
April 1966

Well No.

L5

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Former water Super.

HICKORY 2330

Record by J.A. Callahan Source of data J.G. Galasby Date 11-17-66 Map Deerfield SE

State Miss. 52 28 County (or town) Hickory NEWTON 51

Latitude: 32 18 48 N Longitude: 089 01 30 W Sequential number: 1

Lat-long accuracy: 20 T. 6 S. R. 12 W. Sec 36 NESE, SW, NE/SE/SW

Local well number: L005CC3606N12E Other number:

Local use: 069 Owner or name: Town of Hickory

Owner or name: HICKORY Address: Hickory Miss.

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, SB

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

DATA AVAILABLE: Well data 5 Freq. W/L meas.: 7 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: state board of health. Complete 12-2-60 C

Freq. sampling: 75 Pumpage inventory: yes no, period: 76

Aperture cards: SPRT yes 77

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 56 ft 56 Meas. rept accuracy 3

Depth cased: 45 ft 45 Casing type: steel; Diam. 10 in 10

Finish: porous concrete, gravel w. screen, horiz. gallery, open perf., screen, sd. pt., shored, open hole, other G

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

Date Drilled: 1956 9 5 6 Pump intake setting: 36 ft 36

Driller: Layne central Co. Jackson Miss

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other 7 Deep 10 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or meter no. 41

Descrip. MP 325 ft above LSD. Alt. MP 325 ft below LSD. Alt. MP 325

Alt. LSD: 325 Accuracy: (source) Topo. CI 10 47 4

Water Level 10 ft above MP; Ft below LSD 7 Accuracy: 52 A

Date meas: N 79 Yield: 90 gpm 90 Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period 64 hrs 65

QUALITY OF WATER DATA: Iron 2 Sulfate 16.3 Chloride 18 Hard. 21 72

Sp. Conduct 69 K x 10 6 Temp. 74 74 Date sampled D 60 77 79

Taste, color, etc. 77 79

11/3/80 well 21' wet 10.14
10.86
WL - 10.86
MP - 15' above LS
WL - 10.36' above LS
325
10
315
11/13/80 DT
25
7.51
17.39
2.5
14.89

Well No. L5

Well No. L5

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: D Subbasin: 13P

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

MAJOR AQUIFER: Tertiary system Eocene series TE aquifer, formation, group Sparks 28 29 30 31 55

Lithology: sand 32 33 U.S. Origin: State 34 2 Aquifer Thickness: _____ ft

Length of well open to: 45 ft 35 37 45 Depth to top of: _____ ft 38 40 41 43

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

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

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

Intervals Screened: _____

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

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

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

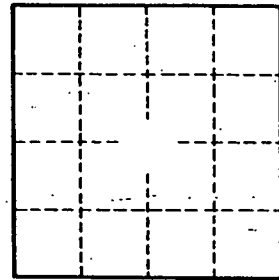
Coefficient Trans: _____ gpd/ft 73 75 Coefficient Storage: _____ 76 78

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

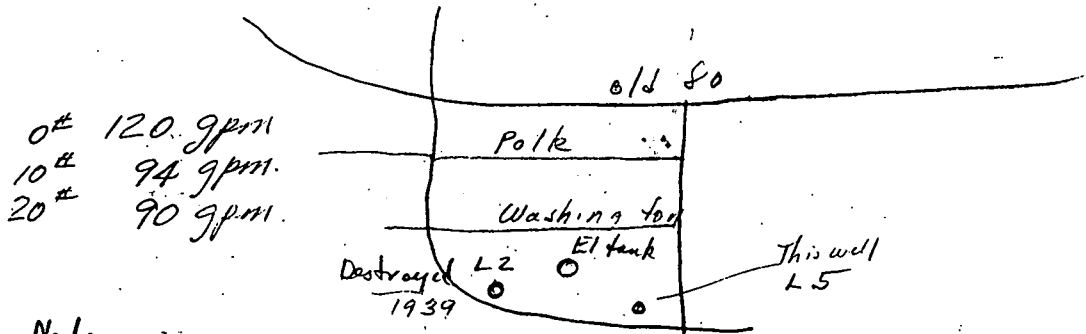
OK



26" x 10"
10' of 26"
45' of 10"
10' of 8" screen No 8 slot (Layne)



Well No.



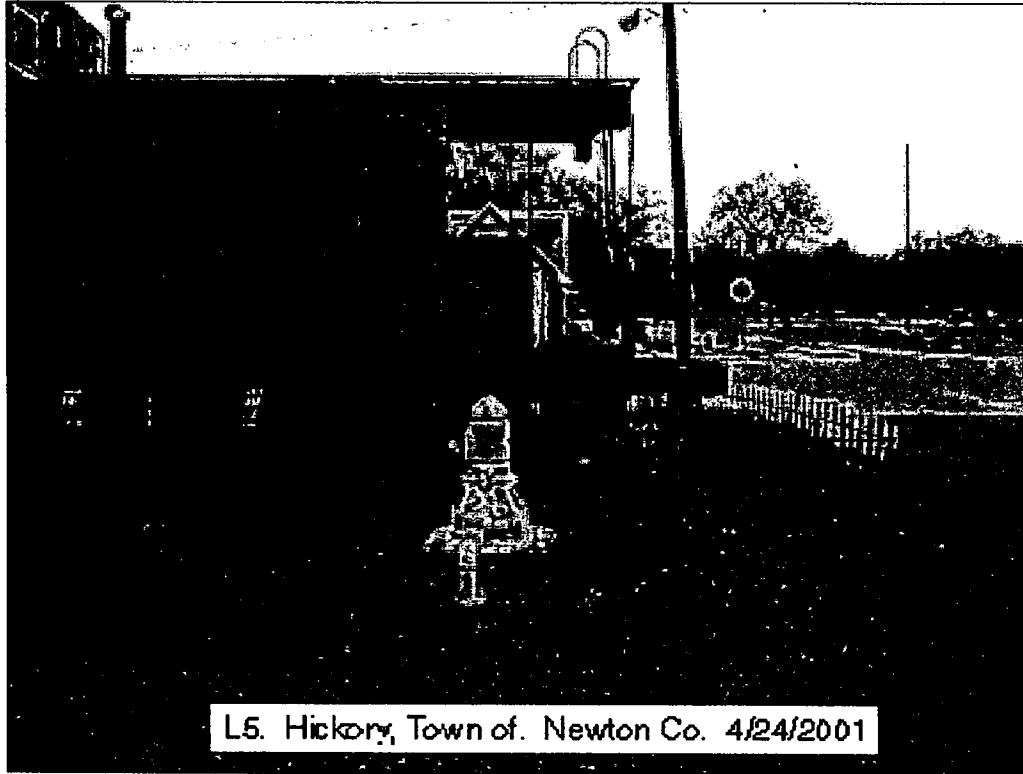
Note
The analysis shown for L2 is for this well (L5) as this well replaced L2 which in turn was destroyed (prior to 1960 date of analysis.)

Water Well Field Data Form

USGS / FIP L0005-101 County NEWTON Well # _____ Aquifer SPRT

Owner HICKORY, TOWN OF Well Name UNUSED, UNDER ELEV TANK BY RR

Quad Map HICKORY Location NW NE SE SW S36 T6N R12E Elevation 325



Measuring Point 1" vent pipe Date 8/27/02 Party WN/CAZ

USGS #/FIP	L0005101	Party	JG	Date	5/23/98	Level	-8.25
USGS #/FIP	L0005101	Party		Date	10/31/89	Level	-8.90
USGS #/FIP	L0005101	Party		Date	11/3/80	Level	-10.36
USGS #/FIP	L0005101	Party		Date	11/78	Level	-7.00

Remarks _____

 32. 31436
 89. 02509

Tape Down #	1	2	3	4
Boil	13.0	14.0	16.0	
Wet	0.25	1.3	3.3	
Difference	12.75	12.7	12.7	
MP Correction	0.85			
Water Level			11.85	

KEITH WOODS 601-646-4600
 Additional remarks and/or sketches on back (circle if any)

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-02439

County: NEWTON

Owner: HICKORY, TOWN OF

Aquifer: SPRT

USGS No: L0005

BOH No: N/A

Location: SW 1/4 of the SE 1/4 of SEC 36 TWN 06N RNG 12E Lat: 321851 Long: 890130

Quad: HICKORY

District: N/A

Date Issued: 22-APR-86

Date Renewed: 13-AUG-96

Date Expired: 22-APR-06

Applicant: HICKORY, TOWN OF

Address 1: P. O. BOX 10

Address 2: N/A

Address 3: N/A

City: HICKORY

State: MS Zip: 39332

Driller: LAYNE CENTRAL COMPANY

Owner: HICKORY, TOWN OF

Address 1: P. O. BOX 10

Address 2: N/A

Address 3: N/A

City: HICKORY

State: MS Zip: 39332

Maximum Rate: 125
Amount Withdrawn Acre feet: 0
Amount Withdrawn Mgd: 0

~~RIC 0145
Destroyed location
32.31448
89.02577
@ South West CORNER
Beside Old elevated tank
Abandoned Red Brick Well House~~

Use

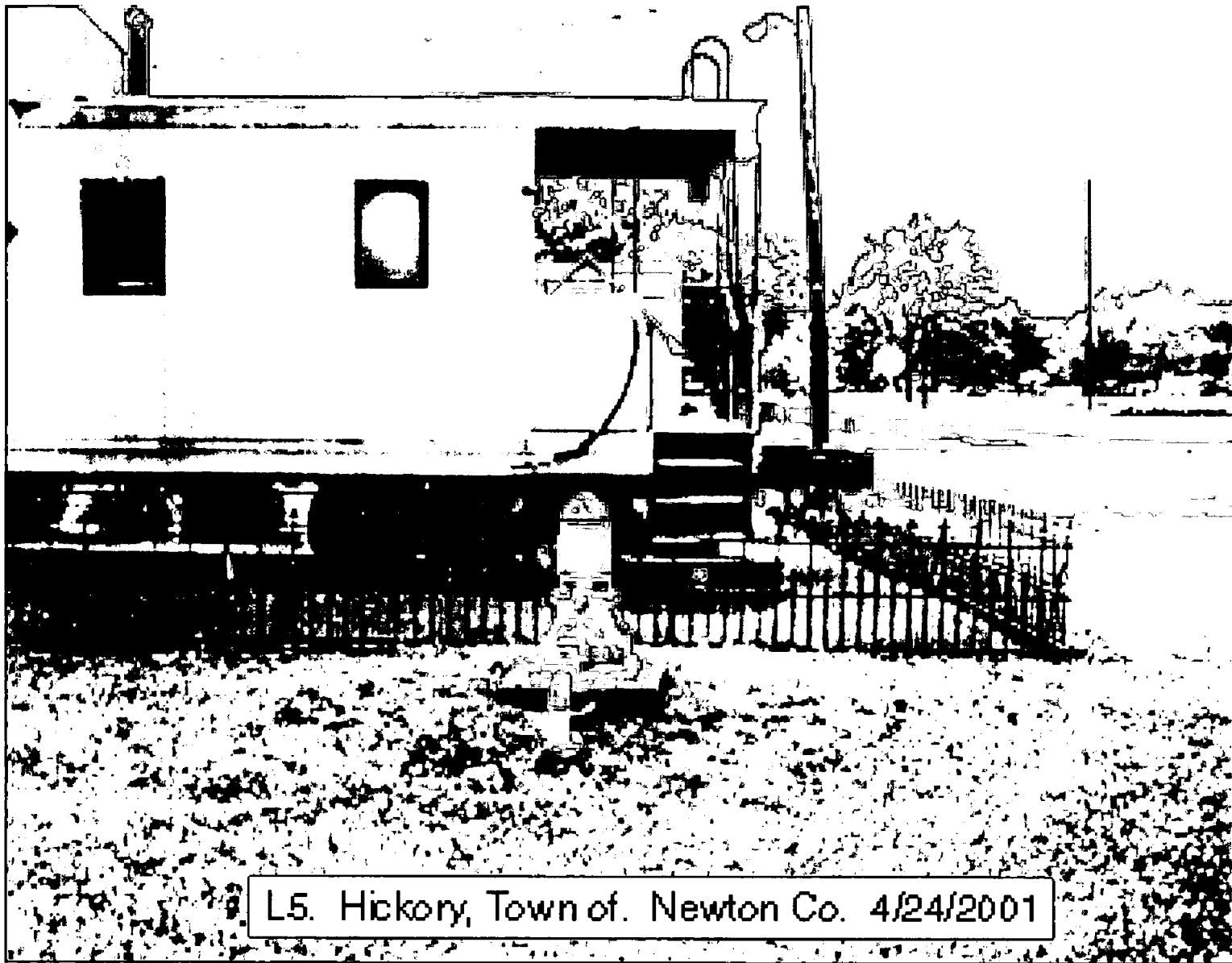
STANDBY
MUNICIPAL

Casing

Type: STEEL
Diameter: 10
Length: 56

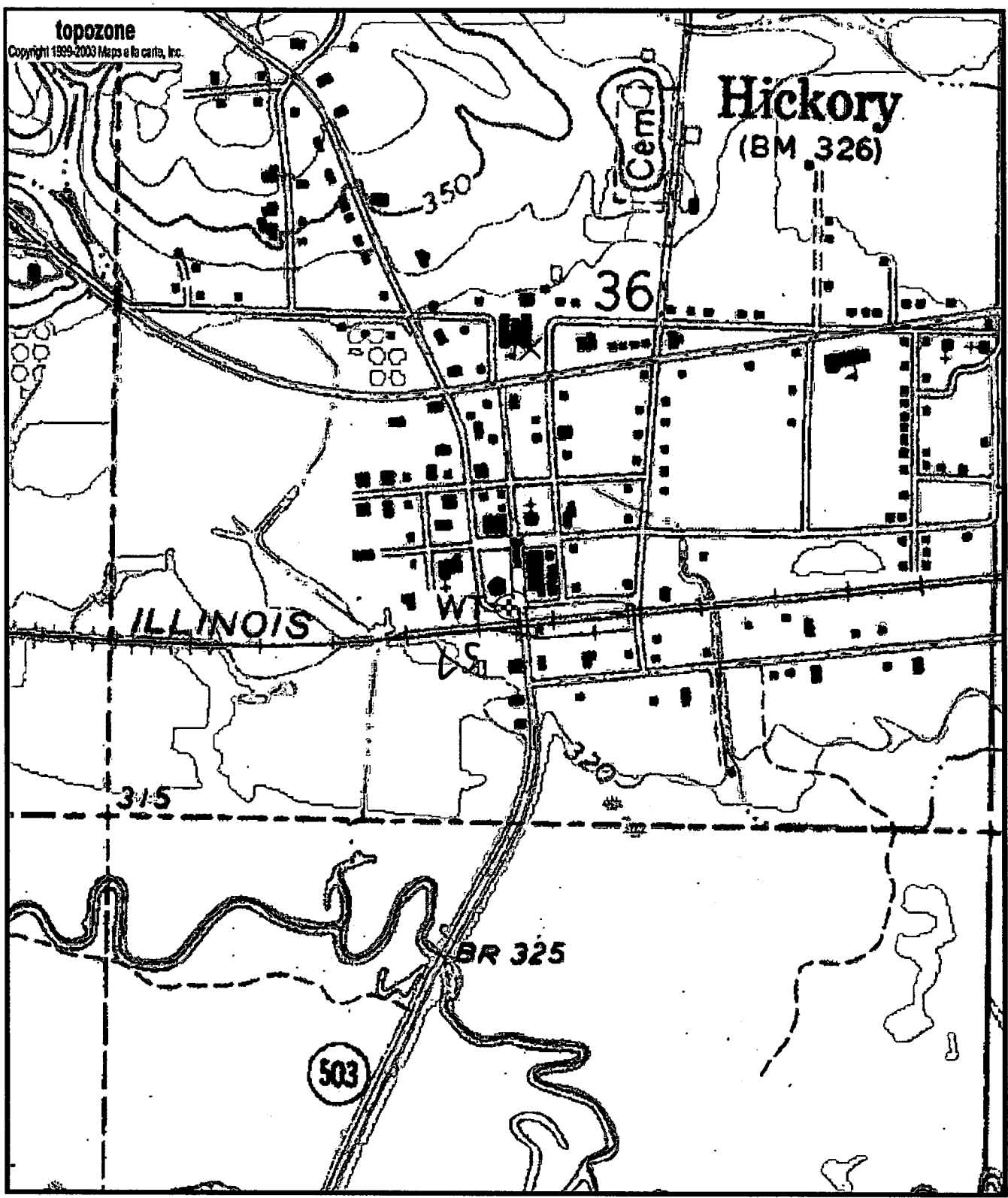
Screen

Type: STAINLESS STEEL
Diameter: 6
Length: 11

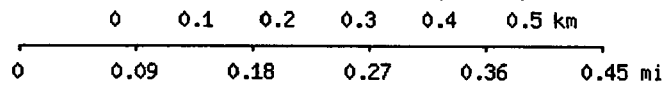


L5. Hickory, Town of. Newton Co. 4/24/2001

WJ



L5
6W02439



Map center is 32° 18' 52"N, 89° 01' 30"W (WGS84/NAD83)
Hickory quadrangle
 Projection is UTM Zone 16 NAD83 Datum

WW/CAE
8/27/02

M=-0.398
 G=-1.083