

GW 08965

0510006-02

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Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
7-16-91

E-Log No. 58
County NEWTON
Agency

Well No. L96

WELL RECORD

DECATUR QUAD
OF HICKORY (LINER)

Agency Code: U I S G I S Site Id: 13212121910181011 Project No. 54

Station Name: 12 L96 HICKORY Latitude: 9 32121212191 Longitude: 10 4018191041181

Lat/Long Ac. 11 S T M Dist. 6=28 State 7=28 County 8=1011 Land Net 13 NW 1/4 Sec 10 T16N R12E

Location Map 14 HICKORY Altitude 16 50.0 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 3311701011

Agency Use 803 A 0 Date Inventoried 711 Station Type J Y Data Type 804

33D

MU

Instru. 805 Remarks 806 Relia. 3 C L M U 2 EW X

Date of Construction 21 07/17/1990 Well Use 23 W Water Use 24 P Primary Aquifer 714 124 MU WX Hole Depth 27 146.3

Well Depth 28 45.6 Water Level 30 108.4 Water Level Date 31 07/17/1990 Method 34 Status 37 Source 33 D

CONSTRUCTION DATA

Construction Date 60 07/17/1990 Contractor 63 064 Name Layne Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
R=76 T=A 725#1 59#1 77 119	78 421	79 121
R=76 T=A 725#2 59#1 77 136	78 426	79 181

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=82 T=A 726#1 59#1 83 1426	84 1456	87 181	85 S	89	88 17
R=82 T=A 726#2 59#1 83	84	87	85	89	88 17

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 07/17/1990 Intake 44

Power H.P. Serial No.
45 E 46 140 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 07/17/1990 Owner Name 161 HICKORY

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 058 Assigner 191 M I S S I D I S T

Well # 1

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Temp 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	Sp Cond 196#00095	Value 197
R=192	T=A	738#3	Date of Measurement 1934 / / *	Aquifer Sampled 195 *	pH 196#00400	Value 197

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#N *	Beg. Depth 200 *	End Depth 201 460 *
R=198	T=A	739#2	Log Type 199# *	Beg. Depth 200 *	End Depth 201 *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115 *	End Year 116 *	Agency Source 120=A 117# *	Freq. 118 *
R=121	T=A	730#2	Beg. Year 115 *	End Year 116 *	Agency Source 117# *	Freq. 118 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 07 / 117 / 11990 *	Remarks 185# MS-GW-08965 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 07 / 117 / 11990 *	Type 703#(P)	Discharge 150 300 *	Sp. Capacity 272 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 426 *	Depth Bot. 92 456 *	Unit Id 93 214 *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 *	103 *
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description of formations encountered	from	to
Red Clay	0	20'
Blue Sandy Clay	20'	53'
Brown & White Clay	53'	90'
Sand & Clay streaks	90'	223'
Clay	223'	257'
Rock	257'	260'
Clay & Shale	260'	281'
Rock	281'	283'
Hard Shale & Clay Sths	283'	333'
Rock	333'	334'
Hard Shale & Clay Sths	334'	423'
Sand w/ Shale streaks	423'	457'
Sandy Clay	457'	463'

NEWTON
L 96
8965

Wired

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

July 17 19 90 date well completed
Layne-Central Co. firm name
Newton county well located

LANDOWNER: Town of Hickory Well # 1-North; (Nearest Tank) P.O. Box 10 Hickory, MS 39332 (mailing address)	description of formations encountered	from	to
<p>WELL LOCATION: sec. 9 T. 6 N R. 12 E NW 1/4, SE 1/4 (distance) miles (direction) of (nearest town)</p> <p>WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)</p> <p>WELL COMPLETION DATA: (1) diameter (inches) 12" (2) total depth (feet) 461 (3) static water level (feet) 184 below above top of ground. (4) casing Steel 421 (material) (depth) 12" if telescope see back. (size) 60' of 8" (5) screen 30' 421' (length) (depth to top) 8" Stainless Steel (size) (material) (6) pump 40 300 (HP) (yield gpm) 230 volts (type power) (7) electric log Yes (yes or no) Layne-Central Co. (organization running log) (8) how well bottom plugged 6" Back Pressure Valve</p> <p>DRILLERS REMARKS: Permit # 08965</p>			

426
- 60

366 456
30

76

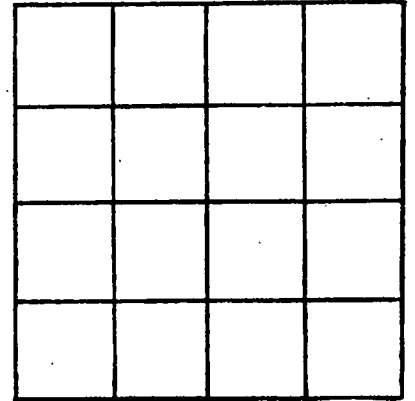
RECEIVED

MAR 26 1991

Dept. of Environmental Quality
Bureau of Land & Water Resources

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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): LAR / DRG DATE: 7/18/94

UNIT DEQ #: 82857 FILE #: A071821A

HEALTH DEPT. #: 510006-02 ELEV. 390

USGS #: L-9b OLWR #: GW 06965

OWNER: Town of Hickory

LOCATION: S 4 T 6N R 12E COUNTY: NEWTON

LOCATION DESCRIPTION: NE of W. Tank next to 2 metal houses

CASING DIA: 10" PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32-22-50 LONG. 89-04-301 W

GPS CORRECTED LOCATION: LAT. 32.375093 LONG. 89.072001

REMARKS: 2.6 miles from I-20 to wells

Newton Quad

32 22 30
89 04 19

**Department of Environmental Quality
Office of Land and Water Resources**

**Ground Water Permit
General Report**

Permit Number: MS-GW-08965

County: NEWTON

Owner: HICKORY, TOWN OF

Aquifer: MUWX

USGS No: L0096

BOH No: 0510006-02

Location: NW 1/4 of the SE 1/4 of SEC 09 TWN 06N RNG 12E Lat: 32222⁹ Long: 89042⁰
30 19

Quad: HICKORY

District: N/A

Date Issued: 09-JAN-90

Date Renewed: 14-MAR-00

Date Expired: 14-MAR-10

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: A. K. (RIP) COLLINS-LAYNE CENTRAL

Maximum Rate: 300

Amount Withdrawn Acre feet: 179.2511

Amount Withdrawn Mgd: .16

Use

MUNICIPAL

Casing

Type: STEEL

Diameter: 12

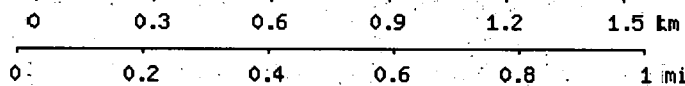
Length: 1670

Screen

Type: STAINLESS STEEL

Diameter: 8

Length: 30



Map center is 32° 22' 30"N, 89° 04' 19"W (WGS84/NAD83)

Decatur quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.342
G=-1.11

Send To Printer

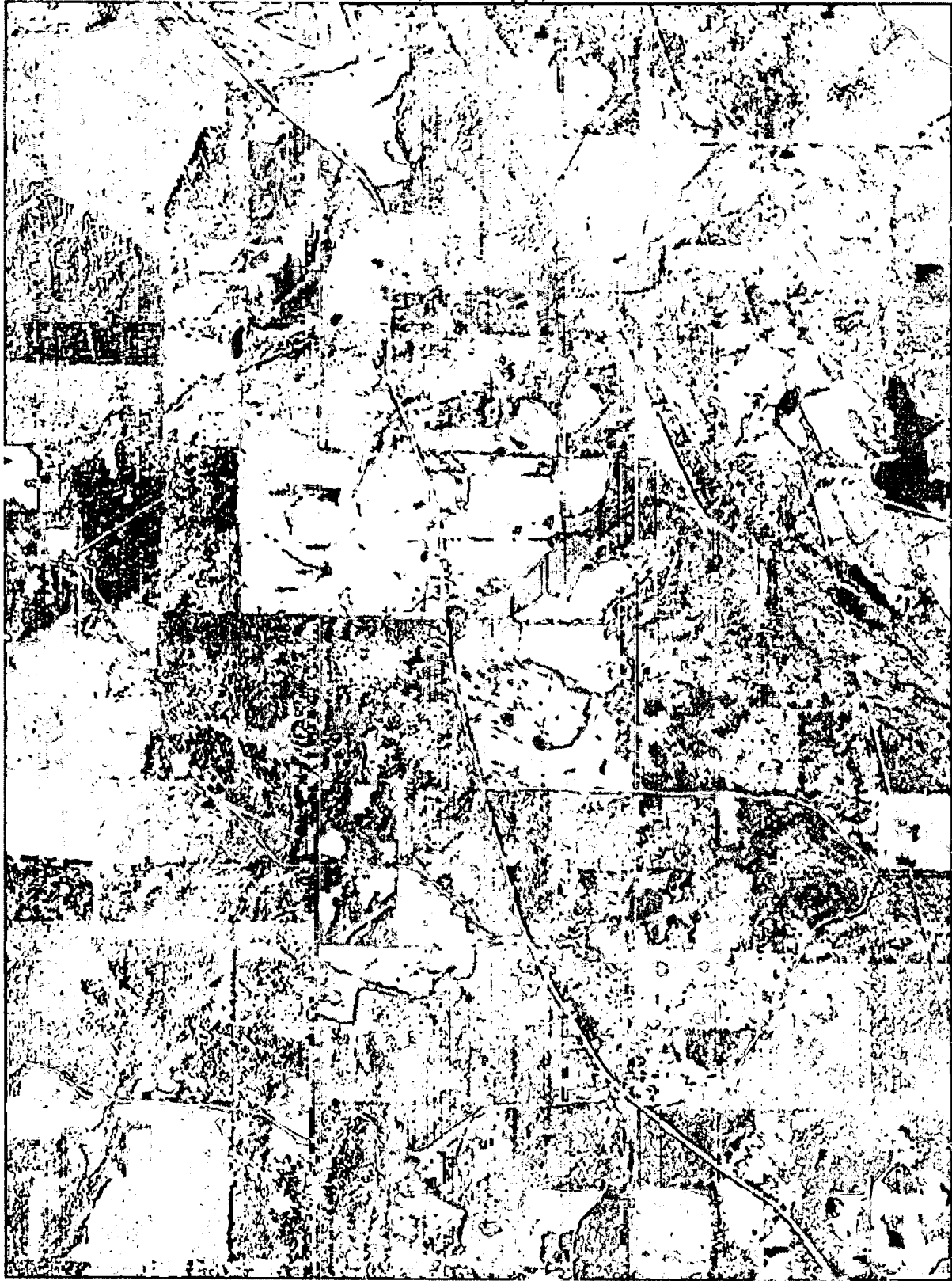
Back To TerraServer

Change to 11x17 Print Size

Show Grid Lines

Change to Landscape

USGS 11 km NE of Newton, Mississippi, United States 09 Mar 1996



0 1Km

0 1.5Mi

Image courtesy of the U.S. Geological Survey

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