

GW08966

0510006-03

Coded By 0.9/90
 Checked By [Signature]
 Entered By LJG
 Date 07-03-91

U.S. GEOLOGICAL SURVEY
 WATER RESOURCES DIVISION
 MISSISSIPPI DISTRICT

7-16-91
 WELL RECORD

E-Log No. 55
 County NEWTON
 Agency [Blank]

Well No. L95

Hickory Quad

Agency Code: U S G S Site Id: 132229108910421011 Project No.: 5111111111

Station Name: 1240915 HICKORY Latitude: 932222191 Longitude: 1040891042101

Lat/Long Ac.: 11 SF T M Dist: 6=28 State: 7=28 County: NW SE Land Net: 13 N N S E S I O I T O K I N R I I Z I E

Location Map: 14 HICKORY Altitude: 16 495 Met/Meas: 17 A L M Accuracy: 18 15 Hydrologic Unit: 20 103171010111

Agency Use: 803 A 10 Date Inventoried: 711 Station Type: J Y Data Type: 804 **MO**

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

Date of Construction: 21 07/20/1990 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 124 M U W X Hole Depth: 27 1483

Well Depth: 28 1455 Water Level: 30 192 Water Level Date: 31 07/25/1990 Method: 34 Status: 37 Source: 33 D

CONSTRUCTION DATA

Construction Date: 60 07/25/1990 Contractor: 63 O L A Name: Layne Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

R	T	#1	#2	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1	77 1101	78 1420	79 12
76	A	725#2	59#1	77 1365	78 1425	79 18

CONSTRUCTION OPENINGS DATA

R	T	#1	#2	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83 1425	84 1455	87 18	85 S	89	88
82	A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42, T=A, 254#1, Lift Type: 43 T, Date: 38 07/25/1990, Intake: 44

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

MISCELLANEOUS OWNER DATA

Date of Ownership: 159 07/25/1990 Owner Name: 161 HICKORY

MISCELLANEOUS OTHER ID DATA

R=189, T=A, 736#1, E-Log No.: 190 0155, Assigner: 191 M I S S I S S I D I S T

Well # 2

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#E *	Req. Depth 200 140 *	End Depth 201 147.2 *
R=198	T=A	739#2	Log Type 199#D *	Req. Depth 200 101 *	End Depth 201 148.3 *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Req. Year 115 9 *	End Year 116 9 *	Agency Source 120=A 117# *	Freq. 118 *
R=121	T=A	730#2	Req. Year 115 9 *	End Year 116 9 *	Agency Source 117# *	Freq. 118 *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184-07/1/25/11990 *	Remarks 185# MS-GW-08966 *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148-07/1/25/11990 *	Type 703#(P)F	Discharge 150 13101 *	Sp. Capacity 272 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 142.5 *	Depth Bot. 92 145.5 *	Unit Id 93 124M1W1X1	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 *	103 *
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Description of formation encountered	from	to
Red Clay & Sand	0	20'
Blue & Brown & White Clay	20'	74'
Loose Sand & Shale	74'	83'
Fine Sand	83'	135'
Sand & Gravel	135'	142'
Coarse Sand & Clay streaks	147'	211'
Blue Clay & Hard Shale streaks	211'	330'
Rock	330'	332'
Blue Clay & Hard Shale	337'	352'
Rock	352'	355'
Blue Clay & Hard Shale	355'	422'
Sand & Lignite & Shale streaks	422'	440'
Blue Clay & Hard Shale	440'	482'

NEWTON
L 95
8966

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 25 1990 Layne-Central Co. Newton
 date well completed firm name county well located

LANDOWNER: <u>Town of Hickory</u> <u>Well #2 (South)</u> <u>P.O. Box 10</u>	description of formations encountered	from	to
<u>Hickory, MS 39332</u> (mailing address)	<u>Red Clay & Sand</u>	<u>0</u>	<u>20'</u>
	<u>Blue & Brown & White Clay</u>	<u>20'</u>	<u>73'</u>
WELL LOCATION: sec. <u>9</u> T. <u>6</u> N. R. <u>12</u> E <u>NW 1/4 of SE 1/4</u> (distance) miles (direction) of (nearest town)	<u>Loose Sand & Shale</u>	<u>73'</u>	<u>83'</u>
	<u>Fine Sand</u>	<u>83'</u>	<u>135'</u>
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Sand & Gravel</u>	<u>135'</u>	<u>147'</u>
	<u>Coarse Sand & clay streaks</u>	<u>147'</u>	<u>211'</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>12"</u> (2) total depth (feet) <u>461'</u> (3) static water level (feet) <u>192'</u> below above top of ground. (4) casing <u>Steel</u> <u>420'</u> (material) (depth) <u>12"</u> if telescope see back. (size) <u>+60'</u> of <u>8"</u> (5) screen <u>30'</u> <u>425'</u> (length) (depth to top) <u>8"</u> <u>Stainless Steel</u> (size) (material) (6) pump <u>40</u> <u>300</u> (HP) (yield gpm) <u>230 volts</u> (type power) (7) electric log <u>Yes</u> (yes or no) <u>Layne-Central Co.</u> (organization running log) (8) how well bottom plugged <u>6" Back</u> <u>PRESSURE VALVE</u>	<u>Blue Clay & Hard Shale Streaks</u>	<u>211'</u>	<u>330'</u>
	<u>Rock</u>	<u>330'</u>	<u>337'</u>
	<u>Blue Clay & Hard Shale</u>	<u>337'</u>	<u>354'</u>
	<u>Rock</u>	<u>354'</u>	<u>355'</u>
	<u>Blue Clay & Hard Shale</u>	<u>355'</u>	<u>422'</u>
	<u>Sand w/ lignite & Shale streaks</u>	<u>422'</u>	<u>461'</u>
	<u>Blue Clay & Hard Shale</u>	<u>461'</u>	<u>483'</u>

RECEIVED
 MAR 26 1991

Dept. of Environmental Quality
 Bureau of Land & Water Resources

DRILLERS REMARKS:
Permit # 08966

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
Office of Land and Water Resources**

**Ground Water Permit
General Report**

Permit Number: MS-GW-08966

County: NEWTON

Owner: HICKORY, TOWN OF

Aquifer: MUWX

USGS No: L0095

BOH No: 0510006-03

Location: NW 1/4 of the SE 1/4 of SEC 09 TWN 06N RNG 12E **Lat:** 322227' 8" **Long:** 890420

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: LAYNE CENTRAL

Maximum Rate: 300

Amount Withdrawn Acre feet: 179.2511

Amount Withdrawn Mgd: .16

Use

MUNICIPAL

Casing

Type: STEEL

Diameter: 12

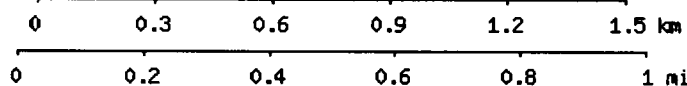
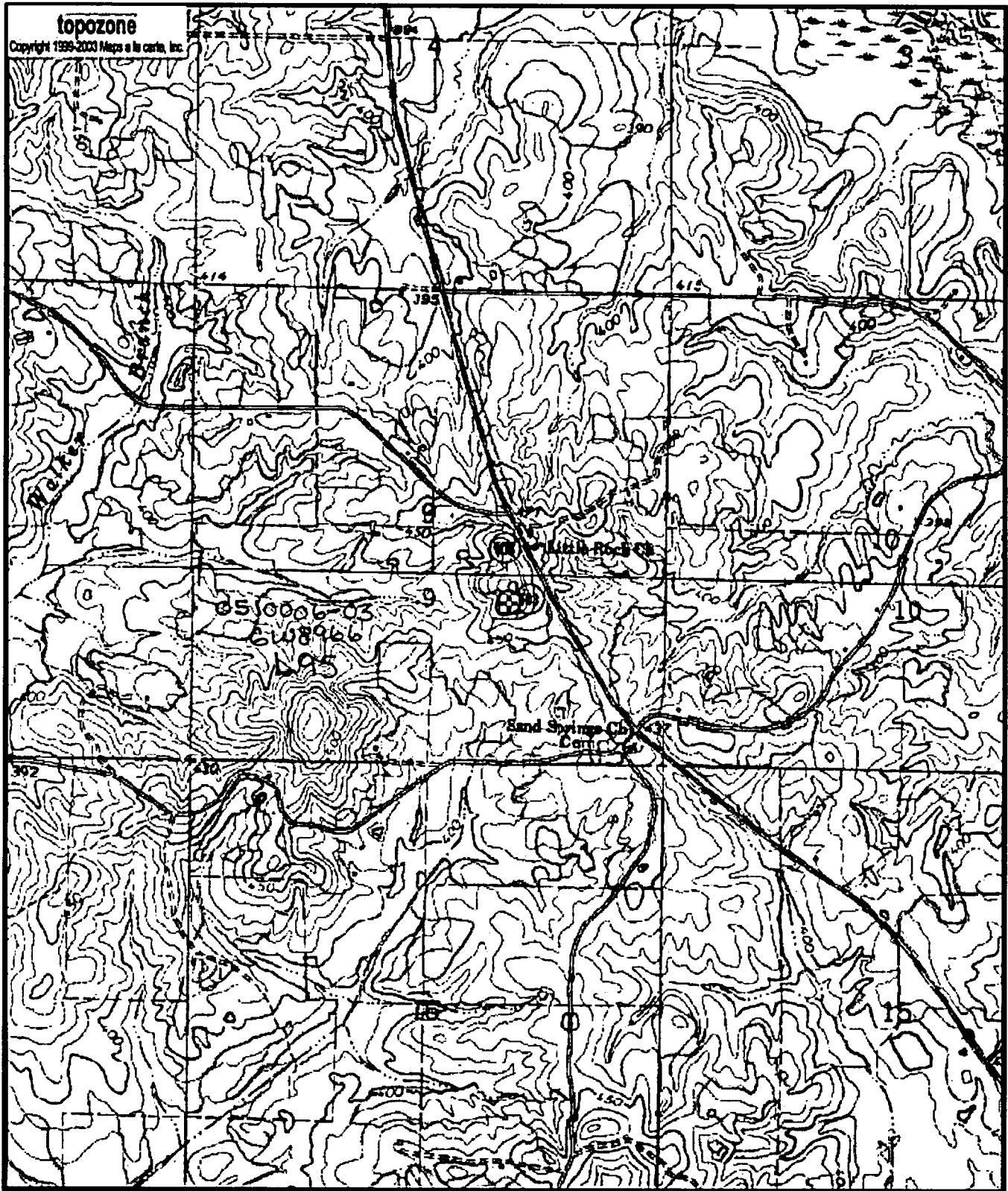
Length: 1670

Screen

Type: STAINLESS STEEL

Diameter: 8

Length: 30



Map center is 32° 22' 28"N, 89° 04' 20"W (WGS84/NAD83)

Hickory

— Decatur quadrangle
Projection is UTM Zone 16 NAD83 Datum



M=-0.341
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 1 Km

0 .5 Mi

Image courtesy of the U.S. Geological Survey

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