**GW 01463**

- **Site ID:** 32.1/0.8/0.9/0.9/0.9/0.1
- **R:** 0
- **T:** 2
- **Location:** Newton Quad
- **Date:** 7/2/84
- **Latitude:** 32°18.08'
- **Longitude:** 89°08.90'
- **Well No.:** 12
- **Well depth:** 28'
- **Water use:** 23'
- **Source:** Mud
- **Method:** 5
- **Owner:** School District
- **Date:** 15907/17/1984
- **Temp:** 196°
- **Cond:** 196°
- **pH:** 196°
- **Top casing:** 77/4
- **Bottom casing:** 255/1
- **Diam.:** 79/1
- **Top:** 83
- **Bottom:** 305
- **Type:** S
- **Diam.:** 10
- **Size:** 88
- **Q/S:** 272
- **Yield:** 146
- **134 flows**
R=42
T=A
Lift type 43°
Intake 44°
Power type 45°

Date 38°
LIFT
07/17/98.4
H.P. 50°

R=198
T=A
Log 199°
Top 200°
Bot 201°

R=198
T=A
Log 199°
Top 200°
Bot 201°

R=189
T=A
E Log No. 190°

R=114
T=A
Year 115°
117°
120°

R=90
T=A
256°
Top 91°
Bot 92°

Unit ID 93°
1245.PRT
Name of Unit

R=90
T=A
256°
Top 91°
Bot 92°

Unit ID 93°
Name of Unit

R=98
T=A
99°
Unit tested 100°
103°

R=105
T=A
99°
Test No. 106°

HYDRAULICS
107°
Transmissivity (gal/d)/ft
108°
Hydraul. cond. (gal/d)/ft²
110°
Storage coeff.

R=121
T=Yr
Begin 122°
Network 258°

Water Level Data Collection (1)

Hildirt
Sandy clay
Hard clay
Sandy clay
Clay
Sand
Clay
Rock
### Water Well Driller Log

**MISSISSIPPI BOARD OF WATER COMMISSIONERS**
416 North State Street
Jackson, Mississippi 39201

**WATER WELL DRILLERS LOG**

**July 19, 19**

**Newton**

**At Layne-Central Co.**

**Town of** Newton, MS - On School Street

**date well completed**

**firm name**

**county well located**

<table>
<thead>
<tr>
<th>LANDOWNER: Town of</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newton, MS - On</td>
<td>full dirt</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>sandy clay</td>
<td>6</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>hard clay</td>
<td>34</td>
<td>90</td>
</tr>
<tr>
<td></td>
<td>sandy clay</td>
<td>90</td>
<td>104</td>
</tr>
<tr>
<td></td>
<td>clay</td>
<td>104</td>
<td>193</td>
</tr>
<tr>
<td></td>
<td>sand</td>
<td>193</td>
<td>256</td>
</tr>
<tr>
<td></td>
<td>rock (CODED)</td>
<td>256</td>
<td>368</td>
</tr>
<tr>
<td></td>
<td>clay (CODED)</td>
<td>368</td>
<td>369</td>
</tr>
</tbody>
</table>

**WELL LOCATION:**

<table>
<thead>
<tr>
<th>section</th>
<th>township</th>
<th>range</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>T</td>
<td>6</td>
</tr>
<tr>
<td>6 1/2</td>
<td>R</td>
<td>W</td>
</tr>
</tbody>
</table>

**well purpose:**

(home, irrigation, municipal, industrial)

**WELL COMPLETION DATA:**

1. **diameter (inches):** 16"
2. **total depth (feet):** 316'
3. **static water level (feet):** 101' below top of ground.
4. **casing (material):** steel, 255'sreeting
   - **(depth):** 16" (size)
   - **if telescope see back:**
5. **screen (length):** 50' 10" (size)
   - **(depth to top):** 255' (material)
6. **pump (HP):** 500 (yield gpm)
7. **electric (type power):**
8. **electric log (yes or no):** yes
9. **MS Geo. Survey (organization running log):**

**DRILLERS REMARKS:**

**RECEIVED JUL 27, 1984**
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): LAC / DKB
DATE: 7/18/94

UNIT DEQ #: 82859
FILE #: A071814A

HEALTH DEPT. #: 5/0009-04
ELEV. 440

USGS #: K-92
OLWR #: 6W 0 1463

OWNER: City of Newton

LOCATION: S 34 T 66 R 116
COUNTY: Newton

LOCATION DESCRIPTION: Well located in fence next to R.R. Tracks 1/4 mi.

CASING DIA: 12" PUMP TYPE & SIZE: Turbine 50

GPS FIELD LOCATION: LAT. 32.19-279W LONG. 89.09-971W

GPS CORRECTED LOCATION: LAT. 32.320790 LONG. 89.166066

REMARKS: Across from McCluney Cheese.  [Cheese plant long gone]

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Newton Quad

32 19 15
89 09 58
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-01463

County: NEWTON
Aquifer: SPRT
USGS No: K0092
Owner: NEWTON, CITY OF
BOH No: 0510009-04

Location: SW 1/4 of the NW 1/4 of SEC 34
TWN 06N  RNG 11E
Lat: 321915 Long: 89095

Quad: NEWTON
District: N/A

Date Issued: 11-FEB-86
Date Renewed: 12-MAR-96
Date Expired: 11-FEB-06

Applicant: NEWTON, CITY OF
Address 1: P. O. BOX 300
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39345
Driller: LAYNE CENTRAL

Owner: NEWTON, CITY OF
Address 1: P. O. BOX 300
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39345

Maximum Rate: 500
Amount Withdrawn Acre feet: 190.4543
Amount Withdrawn Mgd: .17

Use
MUNICIPAL

Casing
Type:
Diameter: 16
Length:

Screen
Type: STEEL
Diameter: 10
Length: 50