Site ID: 822200110101101054

Well No: 1201

Hyd. Unit: 03011110111011101

Project No.: 5

R-42: 0.2544

Date: 211986511101

Type: Intake

Power: 60* 1

Method: 60* 1

Top Casing: 776

Bot. Casing: 796

Diam.: 87.0 1

Size: 88.10

Top: 88

Bottom: 88

Test No.: 1064

Transmissivity (gal/day/ft)

Storage coeff. (gal/day)

Hydraulic conductivity (gal/day)

5/86

South

Dewey

Newton

WA

SPRT
**ANALY**

- **R-114**
- **T-A**
- **706**

**Year**

- **115**
- **117**
- **120**

**R-121**

- **T-A**
- **Yr Begin**
- **2277**
- **Network**
- **258**

**R-146**

- **T-A**
- **Flow/Pumps**
- **(circle one)**
- **147**
- **148**
- **1986/105/101**
- **Q**
- **150**
- **150**

- **0/S**
- **272**
- **118**

**R-158**

- **T-A**
- **718**
- **Date**
- **159**
- **1986/105/101**
- **Owner No.**
- **(Lawrence Well #2)**

- **Owner**
- **169**
- **Smith Inlayion 1W 1A**

**R-189**

- **T-A**
- **736**
- **E-Log No.**
- **1904052**
- **191**
- **191**
- **191**

**R-192**

- **T-A**
- **738**
- **Date**
- **193**
- **193**
- **193**
- **Temp**
- **19600010**
- **197**

**R-192**

- **T-A**
- **738**
- **Date**
- **193**
- **193**
- **193**
- **Cond**
- **19600095**
- **197**

**R-192**

- **T-A**
- **738**
- **Date**
- **193**
- **193**
- **193**
- **pH**
- **19600400**
- **197**

**R-198**

- **T-A**
- **739**
- **Log**
- **199**
- **EF**
- **Top**
- **20**
- **20**
- **124**
- **Bot**
- **201**
- **503**

**R-198**

- **T-A**
- **739**
- **E**
- **200**
- **101**
- **201**
- **503**

**Remarks:**

- **R-183**
- **311**

---

**pH:** 6.2

**Fe:** .9

**Ca²⁺:** 172

**No/Dr:** 139

**Description of formations encountered**

<table>
<thead>
<tr>
<th>Top</th>
<th>Description</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOIL</strong></td>
<td>CLAY + SAND STROMS</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CLAY</td>
<td>3</td>
<td>2.5</td>
</tr>
<tr>
<td></td>
<td>SAND</td>
<td>2.5</td>
<td>12.0</td>
</tr>
<tr>
<td></td>
<td>WI, CLAY + ROCKS</td>
<td>12</td>
<td>198</td>
</tr>
<tr>
<td></td>
<td>SAND + CLAY STROMS</td>
<td>198</td>
<td>340</td>
</tr>
<tr>
<td></td>
<td>SANDY CLAY</td>
<td>340</td>
<td>440</td>
</tr>
<tr>
<td></td>
<td>SAND</td>
<td>440</td>
<td>492</td>
</tr>
<tr>
<td></td>
<td>CLAY</td>
<td>492</td>
<td>58.3</td>
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</table>
**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209

**WATER WELL DRILLERS LOG**

<table>
<thead>
<tr>
<th>Date Well Completed</th>
<th>Firm Name</th>
<th>County Well Located</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/86</td>
<td>Newton</td>
<td>1986 MRRINER DRILLING SEI, NEWTON</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Landowner</th>
<th>Rural Water Assoc.</th>
<th>Description of Formations Encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Newt</td>
<td></td>
<td>Clay + Sand Streets</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Play</td>
<td>8.5</td>
<td>12.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sand</td>
<td>120</td>
<td>188</td>
</tr>
<tr>
<td></td>
<td>Well Location</td>
<td>Clay + Rocks</td>
<td>198</td>
<td>340</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sand + Clay Streets</td>
<td>340</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sandy Clay</td>
<td>400</td>
<td>450</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clay</td>
<td>472</td>
<td>523</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Purpose</th>
<th>Home, Irrigation, Municipal, Industrial</th>
</tr>
</thead>
</table>

**WELL COMPLETION DATA**

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>10.3/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Depth (feet)</td>
<td>490 ft</td>
</tr>
<tr>
<td>Static Water Level (feet)</td>
<td>188 ft below top of ground</td>
</tr>
<tr>
<td>Casing (Material)</td>
<td>4 3/8</td>
</tr>
<tr>
<td>(Depth) (Site)</td>
<td>10 3/4</td>
</tr>
<tr>
<td>Screen (Length)</td>
<td>50 ft</td>
</tr>
<tr>
<td>(Depth to Top) (Else)</td>
<td>440 ft</td>
</tr>
<tr>
<td>Pump (HP)</td>
<td>15</td>
</tr>
<tr>
<td>(Yield gpm)</td>
<td>150</td>
</tr>
<tr>
<td>Electric Log</td>
<td>Yes</td>
</tr>
<tr>
<td>(Yes or No)</td>
<td></td>
</tr>
<tr>
<td>MOS (Organizational Running Log)</td>
<td></td>
</tr>
<tr>
<td>How Well Bottom Placed</td>
<td>Back</td>
</tr>
</tbody>
</table>

**Drillers Remarks**

**RECEIVED**

MAY 6, 1986

Department of Natural Resources
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): LR / DKS        DATE: 7/18/98
UNIT DEQ #: 82859          FILE #: A02813 A
HEALTH DEPT. #: 510007-02    ELEV. 494
USGS #: J98               OLWR #: GW12435
OWNER: LAWRENCE / South Newton Rural W.A.
LOCATION: S 25 T 6 R / 06 COUNTY: Newton
LOCATION DESCRIPTION: West corner of Lawrence Hazel Rd
                     and McGowan Rd.
CASING DIA: 10"           PUMP TYPE & SIZE: Turbine 1/4 HP
GPS FIELD LOCATION: LAT. 32-30-206 N LONG. 89-14-114 W
GPS CORRECTED LOCATION: LAT. 32.336267 LONG. 89.235447
REMARKS: Located in Princeo Area, .25 mi. from well #1 + .7 mi. from Hwy. 80.

Newton Quad.

510007 taken over by 510010

32 20 10
89 14 07
Ground Water Permit
General Report

Permit Number: MS-GW-12635

County: NEWTON
Aquifer: SPRT
Location: NW 1/4 of the NW 1/4 of SEC 25
Quad: NEWTON
Date Issued: 12-JUN-90

Owner: SOUTH NEWTON RURAL WATER ASSOCIATION, INC.
USGS No: J0078
BOH No: 0510010-02 05

TWN 06N RNG 10E Lat: 322010 Long: 891407
District: N/A
Date Renewed: 11-JUL-00
Date Expired: 11-JUL-10

Applicant: SOUTH NEWTON RURAL WATER ASSOCIATION, INC.
Address 1: P. O. BOX 82
Address 2: N/A
Address 3: N/A
City: NEWTON
State: MS Zip: 39345

Driller: GRINER DRILLING SERVICE, INC.

Maximum Rate: 150
Amount Withdrawn Acre feet: 78.4223
Amount Withdrawn Mgd: .07

Use
RURAL WATER ASSOCIATION

Casing
Type: STEEL
Diameter: 10
Length: 432

Screen
Type: STAINLESS STEEL
Diameter: 6
Length: 50
Map center is 32° 20' 10"N, 89° 14' 07"W (WGS84/NAD83)

**Newton** quadrangle

Projection is UTM Zone 16 NAD83 Datum

Map scale 1:24,000

http://www.topozone.com/print.asp?z=16&n=3579887.82534847&e=289616.899124005&s=50&size=...  9/7/2004