WELL SCHEDULE

FIPS: 49
WELL: L74
LOG NO.: 

Recorded by: Phillips Data Source: Permit/Drillers log Date: 4/8/02
County: Hinds Permit No.: GU15211 DOH No.: 02500.20-04
Quad: Raymond Elevation: 274

¼ NW ¼ NW ¼ SW Sec.: 21 T: 5N R: 21

Plotted on quad?: In field? From drillers log? From permit?
Latitude: Longitude: GPS? From Quad?

Primary aquifer: ACKF Secondary aquifer: 

Use: MUI Well status: Local well name: 
Owner: City of Raymond

Date completed: 6/9/98 Driller: Layne · Central Well depth: 1757 Hole Depth: 2002
Pump type: Turbine Power type: Electric Pump capacity: 600 gpm

Casing interval: 0 - 1679 Casing length: 1679 Casing diameter: 12"
Casing interval: Screen interval: 1677 - 1757 Screen length: 70' Screen diameter: 8"
Screen interval: Screen interval: Log interval: 

Initial water level: 197' Date: 6/9/98 M.P. description:

Water Quality Data? Source: Reliability:
Water Level Data? Source: Reliability:
Pump Test Data? Source: Reliability:
Water Use Data? Source: Reliability:
**COUNTY WELL LOCATED**

**Hands**

**WELL NUMBER**

3 74

**CODE**

**PERMIT NUMBER**

MS-GW-15211

**NAME OF DRILLING FIRM**

Layne Central

**DATE WELL COMPLETED**

6/9/98

**Location of Well**

City of Raymond
110 Court Square
Raymond, MS 39154

**WELL LOCATION**

SEC 2

**TOWNSHIP**

S 5

**RANGE**

W 2

**DISTANCE**

Miles

**DIRECTION**

NEAREST TOWN

**OTHER LANDMARK**

On Hinds Boulevard

**WELL PURPOSE**

Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**Well Data**

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Casing Diameter (in.)</th>
<th>Casing Length (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1757'</td>
<td>12'</td>
<td>1679'</td>
</tr>
</tbody>
</table>

**Type of Casing**

Steel

**TYPE OF COMPLETION**

(One or More):
Gravel Packed, Undreamed, Telescoped, Natural Development, Open Hole, Other (Describe)

**Well Grouted to a Depth Of**

1757 FEET

**Type Grout (circle one):**
Cement, Bentonite, or Mix

**Screen Data**

<table>
<thead>
<tr>
<th>Diameter - Inches</th>
<th>Length - Feet</th>
<th>Slot Size - Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>70'</td>
<td>14</td>
</tr>
</tbody>
</table>

**Screen Type**

Stainless Steel

**1757**

**Mississippi Department of Environmental Quality**

**Office of Land and Water Resources**

P. O. Box 10631
Jackson, MS 39289-0631

**Water Well Drillers Log**

**Pump Data**

<table>
<thead>
<tr>
<th>Pump Capacity (GPM)</th>
<th>No. of Stages</th>
<th>Setting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>600</td>
<td>10</td>
<td>FT.</td>
</tr>
</tbody>
</table>

**Pump Test**

Well yielded 610 GPM with a drawdown of 30.3 ft. after 24 hours of pumping.

**Log Data**

**Type of Log Run (Circle One):**
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)

**Name of Organization Running Log**

Layne-Central

**Geologic Data (Office Use Only)**

<table>
<thead>
<tr>
<th>Surface Dev.</th>
<th>Geologic Unit</th>
<th>Unit Thickness</th>
<th>Depth to Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subs. Swl.</td>
<td>Date</td>
<td>Analysis</td>
<td>Aquifer Test</td>
</tr>
</tbody>
</table>

**Diaphragm**

**January 08 1999**

**Top of Lap Pipe or Reduction in Casing**

--- FEET

**Description of Formations Encountered**

<table>
<thead>
<tr>
<th>Formation</th>
<th>From</th>
<th>To</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandy Clay</td>
<td>0</td>
<td>15</td>
<td>Clay &amp; Fine Sand Strks</td>
<td>1050</td>
</tr>
<tr>
<td>Yellow Clay</td>
<td>15</td>
<td>33</td>
<td>Sand/Clay/Lignite Strk</td>
<td>1065</td>
</tr>
<tr>
<td>Blue Clay</td>
<td>33</td>
<td>150</td>
<td>Sand/Lignite Streaks</td>
<td>1100</td>
</tr>
<tr>
<td>Sandy Clay</td>
<td>150</td>
<td>170</td>
<td>Hard Clay/Lime Streaks</td>
<td>1255</td>
</tr>
<tr>
<td>Rock</td>
<td>170</td>
<td>173</td>
<td>Hard &amp; Fine Sand Strks</td>
<td>1463</td>
</tr>
<tr>
<td>Lime &amp; Rock Streaks</td>
<td>173</td>
<td>195</td>
<td>Sand/Clay/Lignite Strk</td>
<td>1515</td>
</tr>
<tr>
<td>Clay</td>
<td>195</td>
<td>312</td>
<td>Hard Clay/Sand Streaks</td>
<td>1568</td>
</tr>
<tr>
<td>Hard Lime</td>
<td>312</td>
<td>315</td>
<td>Sandy Clay &amp; Lignite</td>
<td>1595</td>
</tr>
<tr>
<td>Clay &amp; Sand Streaks</td>
<td>315</td>
<td>520</td>
<td>Hard Clay</td>
<td>1630</td>
</tr>
<tr>
<td>Clay</td>
<td>520</td>
<td>800</td>
<td>(See Back)</td>
<td></td>
</tr>
<tr>
<td>Sandy Clay</td>
<td>800</td>
<td>1050</td>
<td>IF MORE SPACE IS NEEDED USE BACK</td>
<td></td>
</tr>
</tbody>
</table>

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DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB-DC        DATE: Sept 5, 2001
UNIT DEQ #:        FILE #:        
HEALTH DEPT. #: 250020-04   ELEVATION: 
USGS #: L074          OLWR #: MS-GW-15261
OWNER: Raymond, City of        QUAD: Raymond
LOCATION: NW, SW S 21° T 5N R 2W COUNTY Hinds
LOCATION DESCRIPTION: 

CASING DIA: 12"    PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 32.26133  LONG. -90.41532
GPS CORRECTED LOCATION: LAT. 32.26133  LONG. -90.41532
REMARKS: GPS @ well

