WELL SCHEDULE

FIPS: 121
WELL: M 80
LOG NO.: ________

Recorded by: PP Data Source Permit Driller's log Date: 11/2001
County: Rankin Permit No.: GW15206 DOH No.: 0610041-03
Quad: Johns Elevation: 590
¼: ¼: NW ¼: SE ¼: SE Sec.: 36 T: SN R: 4E

Plotted on quad?: ______ In field? ______ From drillers log? ______ From permit? ______
Latitude: 32° 13' 32.2'' Longitude: 89° 50' 15'' GPS? 17/04/99 From Quad? ______
Primary aquifer: SPRT Secondary aquifer: ______
Use: WA Well status: Active Local well name: ______
Owner: ACL W.A.

Date completed: 1/5/98 Driller: Layne - Central Well depth: 1495 Hole Depth: 1517
Pump type: Turbine Power type: Electric Pump capacity: 440 gpm
Casing interval: 0 - 1430 g1 Casing length: 1430 Casing diameter: 12''
- 760 to - 825 msi Casing length: 1430 Casing diameter: 12''
- 1350 to - 1415 g1 Screen length: 80 Screen diameter: 8''
- 825 to - 905 msi Screen length: 80 Screen diameter: 8''
Screen interval: 1415 - 1495 g1

Type of logs: Log interval: ______
Initial water level: 46.3 Date: 1/5/98 M.P. description: ______

Water Quality Data? ______ Source: ______ Reliability: ______
Water Level Data? ______ Source: ______ Reliability: ______
Pump Test Data? ______ Source: ______ Reliability: ______
Water Use Data? ______ Source: ______ Reliability: ______
Water level data

This area for location map and notes
**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**WATER WELL DRILLERS LOG**

**Name & Mailing Address of Landowner**

ACL Water Association  
PO Box 427  
Pelahatchie, MS 39145

**Well Location**

<table>
<thead>
<tr>
<th>SEC</th>
<th>TOWNSHIP</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>5</td>
<td>4 N</td>
</tr>
</tbody>
</table>

**Distance Between Nearest Town**

7 Miles South of Pelahatchie

**Well Purpose**

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

**Rural Water Association**

---

**PUMP DATA**

- **Pump Type (Circle One):** Turbine  
- **Jet:** Flowing Well

- **Power Type (Circle One):** Electric, Tractor, Diesel, Gasoline, Butane
- **Other (Describe):**

- **H/P:** 100

**Pump Capacity (GPM):** 440

**No. of Stages:** 12

**Setting Depth:** 540 FT.

**Pump Test:**

- Well Yielded: 440 GPM with a drawdown of 31 ft.

- After 4 hours of pumping

---

**WELL DATA**

- **Well Depth:** 1495'
- **Casing Diameter:** 12''
- **Casing Length:** 1430'

- **Type of Casing:** Steel
- **More Depth:** 1517'
- **Depth to Static Water Level:** 463'

**Type of Completion (Circle One):** Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other

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

**SCREEN DATA**

- **Diameter:** 8''
- **Length:** 80'
- **Slot Size:** .020

- **Screen Type:** SS WW
- **Depth in Bottom - Feet:** 1495'

---

**LOG DATA**

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

**Name of Organization Running Log:** Layne-Central

**GEOLOGIC DATA**

**Surface Elev.:**  
**Geologic Unit:**  
**Unit Thickness:**  
**Depth to Top:**

**Subs. SWL:**  
**Date:**  
**Analysis:**  
**Aquifer Test:**

**Drtler's Remarks:**

**Top of Lap Pipe or Reduction in Casing:** 1350 FEET

---

**DESCRIPTION OF FORMATIONS ENCOUNTERED**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>193</td>
</tr>
<tr>
<td>193</td>
<td>330</td>
</tr>
<tr>
<td>330</td>
<td>710</td>
</tr>
<tr>
<td>710</td>
<td>800</td>
</tr>
<tr>
<td>800</td>
<td>870</td>
</tr>
<tr>
<td>870</td>
<td>1002</td>
</tr>
</tbody>
</table>

**FORMATIONS (Continued)**

- **Top Soil**
- **Sand - Pea Gravel**
- **Sandy Clay - Lignite**
- **Lignite; Sand; Shale**
- **Shale - Sandy Clay**
- **Sand Clay Streaks**
- **Sandy Clay Shale**
- **Fine Sand, Clay Streak**

**Formations:**

- Clay - Sand Streaks
- Lignite, Sand, Clay
- Sand; Lignite
- Sand; Shale
- Sandy Clay; Hard Shale
- Sandy Clay
- Sand
- Sandy Clay; Lime

---

**IF MORE SPACE IS NEEDED, USE BACK PAGE**
If well telescopese please sketch and show depths.

GROUND LEVEL

SECTION
Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show location of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips
DATE: 1/24/99

UNIT DEQ #: ___________________________ FILE #: 8112419A

HEALTH DEPT. #: 1610041-03 (No tag) ELEV. 590

USGS #: M80 OLWR #: 6W15206

OWNER: ACL W.A QUAD: John K

LOCATION: SE/SE 8 3/6 TEN RAE COUNTY: Rankin

LOCATION DESCRIPTION: Past chicken houses on gravel road, sout of older well

CASING DIA: _______ PUMP TYPE & SIZE: Turbine; 100 HP

GPS FIELD LOCATION: LAT. 32° 13.335" LONG. 89° 50.15.4"

GPS CORRECTED LOCATION: LAT. 32.925615 LONG. 89.837492

REMARKS: __________________________________________

_________________________________________________

_________________________________________________