Recorded by: Phillips  Data Source: Drillers log  Date: 8/11/99
County: Calhoun  Permit No.: GW15446  DOH No.: 0070004-03
Quad: Calhoun City  Elevation: 303
1/4: 1/4: SW  1/4: NW  Sec.: 11  T: 23N R: 9E
Plotted on quad?  In field?  From drillers log?  From permit?  
Latitude: 33° 52' 20.3"  Longitude: 89° 19' 27.3"  GPS?  From quad?  
Primary Aquifer: Cord?  Secondary Aquifer: 
Use: MU  Well status:  Local Well Name:  
Owner: Town of Calhoun City

Date completed: 5/9/96  Driller: Layne Central  Well depth: 2031  Hole depth: 2035
Pump type: Turbine  Power type: Diesel  Pump capacity: 500 gpm
Screen interval: 1971 - 2031  Screen length: 60'  Screen diameter: 8"
Screen interval: 303 to 1668  Screen length:  Screen diameter:  
Casing interval: 0 - 1971  Casing length: 1971'  Casing diameter: 10"
Casing interval: 1907 - 1971  Casing length: 64"  Casing diameter: 8"
Type of logs:  Log interval:  
Initial water level(Is):  Date:  Measuring point 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**

**Office of Land and Water Resources**

P. O. Box 10631
Jackson, MS 39289-0631
Layne Christensen Company

**WATER WELL DRILLERS LOG**

**TOWN OF CALHOUN CITY**

C/O JOE SUTHERLAND ENGINEERS

P.O. BOX 635
GRENADA, MS 38901

**WELL LOCATION**

SECTION 15
TOWNSHIP 14 N
RANGE 9 E

**DISTANCE INSIDE CITY LIMITS OF CALHOUN CITY**

**WELL PURPOSE**

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

**WELL DATA**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter</th>
<th>Casing Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>2035'</td>
<td>12''</td>
<td>1971'</td>
</tr>
</tbody>
</table>

**Type of Casing**

STEEL 2035' 142'

**Type of Completion**

Gravel Packed, Undrilled, Telescopied, Natural Development, Open Hole, Other (Specify)

**WELL GROUTED TO A DEPTH OF 1971 FEET**

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

**SCREEN DATA**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Slot Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8''</td>
<td>60'</td>
<td>.020</td>
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</table>

**STAINLESS STEEL 2035'**

**PUMP DATA**

- **PUMP TYPE**
  - Submersible
  - Jet
  - Flowing Well
  - Other (Describe)
- **POWER TYPE**
  - Electric
  - Tractor
  - Diesel
  - Propane
  - Butane
  - H/P

**Pump Capacity (GPM)**

500 8 220 ft

**PUMP TEST**

Well yielded 525 GPM with 40 ft. drawdown after 24 hours of pumping

**LOG DATA**

**TYPE OF LOG RUN**

- No Log Run
- Electric
- Gamma Ray
- Density
- Sonic
- Neutron
- Other (Describe)

**Name of Organization Running Log**

LAYNE

**GEOLOGIC DATA (Office Use Only)**

<table>
<thead>
<tr>
<th>Surface Elev.</th>
<th>Geologic Unit</th>
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<th>Depth to Top</th>
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**Driller's Remarks**

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

900' FEET

**DESCRIPTION OF FORMATIONS ENCOUNTERED**

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<thead>
<tr>
<th>Formation</th>
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<tr>
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<td>335</td>
</tr>
<tr>
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**CITY OF Jackson, MS**

**WATER WELL DRILLERS LOG**

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If well telescopis please sketch and show depths.

GROUND LEVEL

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<tbody>
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<td>ADDITIONAL INFORMATION</td>
<td></td>
</tr>
<tr>
<td>HARD SHALE</td>
<td>1790 1853</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL</td>
<td>1853 1883</td>
</tr>
<tr>
<td>HARD SHALE</td>
<td>1883 1926</td>
</tr>
<tr>
<td>SANDY SHALE</td>
<td>1926 1950</td>
</tr>
<tr>
<td>SAND &amp; GRAVEL</td>
<td>1950 2035</td>
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</table>

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): M0
UNIT DEQ #: "FILE#: A0714/14A"
HEALTH DEPT.: No Tag 07004-03 3 ELEV.: 300
USGS #: K-19 OLWR #: 
OWNER: City of Calhoun QUAD: Calhoun City
LOCATION: S 11 T 23N R 96 COUNTY: Calhoun
LOCATION DESCRIPTION: well located at water tank off Burke - Calhoun city dr.

CASING DIAM: PUMP TYPE AND SIZE: 60/40 / turbine
GPS FIELD LOCATION: LAT: 33°52.325"N LONG: 89°19.511"W
GPS CORRECTED: LAT: 33°52.39"N LONG: 89°32.4251"W
REMARKS: 60/40 to CR 411 follow to green 40 to water tank
CR 411 make a horseshoe