

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P.O. Box 10631

Jackson, MS 39289-0631

**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Panola</b>	
WELL NUMBER <b>3</b>	CODED
DATE WELL COMPLETED <b>9/2/2002</b>	

PERMIT NUMBER <b>MSBW-15784</b>
NAME OF DRILLING FIRM <b>Layne-Central, a division of</b>
<b>Layne Christensen Company</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>LIBERTY HILL WATER ASSOCIATION P.O. BOX 81 POPE, MS 38658</b>			
Latitude: Longitude:			
WELL LOCATION	SEC <b>23</b>	TOWNSHIP <b>10 N 27 S</b>	RANGE <b>7 E W</b>
DISTANCE <b>5</b> Miles	DIRECTION <b>East</b>	NEAREST TOWN <b>of Pope, MS</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>			

PUMP DATA		
PUMP TYPE (Check One): <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well <input type="checkbox"/> Other (Describe)		
POWER TYPE (Check One): <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Tractor <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane <input type="checkbox"/> Other (Describe) H/P <b>25</b>		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>Red Clay</b>	<b>0</b>	<b>25</b>
<b>Coarse Sand</b>	<b>25</b>	<b>46</b>
<b>Coarse Sand &amp; Pea Gravel</b>	<b>46</b>	<b>71</b>
<b>Coarse Sand, Gravel, Pea Gravel</b>	<b>71</b>	<b>134</b>
<b>Rock</b>	<b>134</b>	<b>135</b>
<b>Coarse Sand &amp; Clay</b>	<b>135</b>	<b>146</b>
<b>Clay</b>	<b>146</b>	<b>161</b>
<b>Sandy Clay &amp; Shale</b>	<b>161</b>	<b>221</b>
<b>Sandy Shale</b>	<b>221</b>	<b>296</b>
<b>Clay Streaks mixed w/ Sandy Shale</b>	<b>296</b>	<b>401</b>
<b>Coarse Sand</b>	<b>401</b>	<b>461</b>
<b>Clay</b>	<b>461</b>	<b>491</b>
<b>Sandy Clay</b>	<b>491</b>	<b>506</b>
<b>Coarse Sand</b>	<b>506</b>	<b>581</b>
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE		

WELL DATA		
Well Depth <b>562 ft.</b>	Casing Diameter (in) <b>12 in.</b>	Casing Length (Ft.) <b>518 ft.</b>
Type of Casing <b>Steel</b>	Hose Depth <b>581 ft.</b>	Depth to Static Water Level <b>119 ft.</b>
TYPE OF COMPLETION (Check One or More) <input checked="" type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped <input type="checkbox"/> Natural Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Describe)		
WELL GROUTED TO A DEPTH OF <b>518</b> FEET Type of Grout (Check One) <input checked="" type="checkbox"/> Cement <input type="checkbox"/> Bentonite or <input type="checkbox"/> Mix		

SCREEN DATA		
Diameter - inches <b>8"</b>	Length - feet <b>36 ft.</b>	Slot Size - inches <b>.020</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>562 ft.</b>	

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

**RECEIVED**

Signature of Licensed Driller and License No. **0-64** **FEB 10 2003** **2/7/03** Date

**BY: OLWR**

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM) <b>250</b>	No. of Stages <b>11</b>	Setting Depth <b>240</b> FT.
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PUMP TEST		
Well yielded _____	<b>252</b>	GPM with
a drawdown of _____	<b>63</b>	ft.
after _____	<b>4</b>	hours of pumping

LOG DATA

TYPE OF LOG RUN (Check One):	<input type="checkbox"/> No Log Run
<input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron,	
<input type="checkbox"/> Other (Describe) _____	

Name of Organization Running Log
<b>Mississippi Office of Geology</b>

GEOLOGICAL DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test

Driller's Remarks
Layne File No. 22-8945

If more than one screen, show location of each on sketch.