

# 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>Lowndes</b>	
WELL NUMBER	CODED
<b>Observation</b>	
<del>DAB-60</del>	
DATE WELL COMPLETED	
<b>6/11/2000</b>	

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

NAME & MAILING ADDRESS OF LANDOWNER			
Golder & Associates 3730 Chamblee Tucker Road Atlanta, GA 30341			
Latitude: Longitude:			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>25</b> <del>11</del>	<b>16</b> <del>17</del>	<input type="checkbox"/> N <input type="checkbox"/> E <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/> W
DISTANCE	DIRECTION	NEAREST TOWN	
<b>8.5</b> Miles	<b>North</b> of	<b>Columbus</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			
<b>Observation Well To Check Water Level</b>			

PUMP DATA (NO PUMP INSTALLED)		
PUMP TYPE (Check One):		
<input type="checkbox"/> Submersible	<input type="checkbox"/> Turbine	<input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well
<input type="checkbox"/> Other (Describe) _____		
POWER TYPE (Check One):		
<input 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 _____		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>Clay</b>	<b>0</b>	<b>35</b>
<b>Clay and Gravel</b>	<b>35</b>	<b>63</b>
<b>Clay and Fine Sand</b>	<b>63</b>	<b>97</b>
<b>Clay, Shale, Fine Sand</b>	<b>97</b>	<b>126</b>
<b>Clay and Gravel</b>	<b>126</b>	<b>157</b>
<b>Clay, Gravel, Shale</b>	<b>157</b>	<b>187</b>
<b>Clay and Shale</b>	<b>187</b>	<b>216</b>
<b>Clay</b>	<b>216</b>	<b>248</b>
<b>Red Clay</b>	<b>248</b>	<b>278</b>
<b>Clay</b>	<b>278</b>	<b>293</b>
<b>Coarse Sand</b>	<b>293</b>	<b>315</b>
<b>Clay</b>	<b>315</b>	<b>319</b>
<b>Coarse Sand</b>	<b>319</b>	<b>338</b>
<b>Clay</b>	<b>338</b>	<b>399</b>
<b>Coarse Sand</b>	<b>399</b>	<b>414</b>
<b>Clay</b>	<b>414</b>	<b>458</b>
<b>Rock</b>	<b>458</b>	<b>459</b>
<b>Clay</b>	<b>459</b>	<b>489</b>
<b>Hard Clay</b>	<b>489</b>	<b>520</b>
<b>Hard Clay and Fine Sand</b>	<b>520</b>	<b>550</b>
<b>Coarse Sand</b>	<b>550</b>	<b>580</b>
<b>Gravel</b>	<b>580</b>	<b>642</b>
<b>Gravel and Sand Streaks</b>	<b>642</b>	<b>671</b>
<b>Gravel and Clay Streaks</b>	<b>671</b>	<b>675</b>
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE	

WELL DATA		
Well Depth	Casing Diameter (in)	Casing Length (Ft.)
<b>675'</b>	<b>4"</b>	<b>570'</b>
Type of Casing	Hose Depth	Depth to Static Water Level
<b>PVC</b>	<b>675'</b>	<b>140'</b>
TYPE OF COMPLETION (Check One or More)		
<input checked="" type="checkbox"/> Gravel Packed	<input 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>520</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	Length – feet	Slot Size – inches
<b>4"</b>	<b>100'</b>	<b>.030</b>
Screen Type	Depth to Bottom – Feet	
<b>PVC</b>	<b>675'</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.	
Signature of Licensed Driller and License No.	<div style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; color: red; font-weight: bold;">MAR 29 2004</div> <div style="text-align: right; font-size: 1.2em;">3/25/09</div> <div style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">BY: OLWR</div> <div style="text-align: right;">Date</div>
Additional Information Required on Back	

If well telescopes, please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM) n/a	No. of Stages n/a	Setting Depth n/a FT.
----------------------------	----------------------	--------------------------

**PUMP TEST**

Well yielded \_\_\_\_\_ No Pump Installed \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**LOG DATA**

TYPE OF LOG RUN (Check One):  No Log Run  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  
 Other (Describe) \_\_\_\_\_

Name of Organization Running Log

MS GEOLOGICAL SERVICE

**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. 22-8296

**RECEIVED**

MAR 29 2004

**BY: OLWR**

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