

**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>Sunflower</b>	
WELL NUMBER <b>1</b>	CODED
<b>F-120</b>	
DATE WELL COMPLETED <b>4/27/04</b>	

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

NAME & MAILING ADDRESS OF LANDOWNER  Dr. T.Q. Richardson P.O. Box 560 Drew, MS 38737			
Latitude: Longitude:			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>7</b>	<b>22</b>	<input checked="" type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <b>3</b> <input checked="" type="checkbox"/> W
DISTANCE	DIRECTION	NEAREST TOWN	
<b>1</b> Mile	<b>SW</b>	of <b>Drew, MS</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Irrigation</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>40</b>		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>Top Soil</b>	<b>0</b>	<b>13</b>
<b>Clay</b>	<b>13</b>	<b>23</b>
<b>Sandy Clay</b>	<b>23</b>	<b>33</b>
<b>Sandy Clay, Coarse Sand</b>	<b>33</b>	<b>43</b>
<b>Coarse Sand</b>	<b>43</b>	<b>53</b>
<b>Borderline Sand, Coarse Sand</b>	<b>53</b>	<b>63</b>
<b>Coarse Sand</b>	<b>63</b>	<b>83</b>
<b>Coarse Sand, Gravel</b>	<b>83</b>	<b>100</b>
<b>Clay</b>	<b>100</b>	<b>123</b>
<b>RECEIVED</b>		
MAY 12 2004		
<b>BY: OLWR</b>		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESKOPED OR MORE THAN ONE SCREEN, USE BACK PAGE	

WELL DATA		
Well Depth <b>100 ft.</b>	Casing Diameter (in) <b>16"</b>	Casing Length (Ft.) <b>60 ft.</b>
Type of Casing <b>PVC</b>	Hole Depth <b>123 ft.</b>	Depth to Static Water Level <b>40 ft.</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>10</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>16"</b>	Length - feet <b>40 ft.</b>	Slot Size - inches <b>.050</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>100 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.

*Dave Cook* *5-10-04*

**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>1500</b>	No. of Stages <b>1</b>	Setting Depth <b>70 FT.</b>
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**PUMP TEST**

Well yielded NOT TESTED 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

N/A

**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. 22-9261

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