

**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>Yalobusha</b>	
WELL NUMBER <b>E-57</b>	CODED
<b>(WELL INFO ONLY)</b>	
DATE WELL COMPLETED <b>8/6/03</b>	

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

NAME & MAILING ADDRESS OF LANDOWNER  Yalobusha County Board of Supervisors P.O. Box 664 Water Valley, MS 38965			
Latitude: Longitude:			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	5	25 <input checked="" type="checkbox"/> N <input type="checkbox"/> S	7 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
DISTANCE	DIRECTION	NEAREST TOWN	
1.5 Miles	South of	Oakland	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Industrial</b>			

WELL DATA		
Well Depth <b>944 ft.</b>	Casing Diameter (in) <b>12"</b>	Casing Length (Ft.) <b>865 ft.</b>
Type of Casing <b>Steel</b>	Hose Depth <b>945 ft.</b>	Depth to Static Water Level <b>132 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>865</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>71'4"</b>	Slot Size - inches <b>.015</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>944 ft.</b>	

PUMP DATA (Pump not yet installed)		
PUMP TYPE (Check One): Installed Customer's Pump		
<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>100</b>		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>Clay</b>	<b>0</b>	<b>10</b>
<b>Sand</b>	<b>10</b>	<b>25</b>
<b>Sandy Clay &amp; Gravel</b>	<b>25</b>	<b>35</b>
<b>Clay &amp; Gravel</b>	<b>35</b>	<b>68</b>
<b>Clay &amp; Shale</b>	<b>68</b>	<b>142</b>
<b>Shale with Sand</b>	<b>142</b>	<b>153</b>
<b>Rock</b>	<b>153</b>	<b>154</b>
<b>Shale with Sand</b>	<b>154</b>	<b>175</b>
<b>Sand with Shale</b>	<b>175</b>	<b>242</b>
<b>Shale with Sand</b>	<b>242</b>	<b>270</b>
<b>Sand &amp; Clay with Lignite</b>	<b>270</b>	<b>458</b>
<b>Clay w/ Shale &amp; Sand Streaks</b>	<b>458</b>	<b>489</b>
<b>Sandy Shale &amp; Clay</b>	<b>489</b>	<b>520</b>
<b>Sand w/ Clay &amp; Lignite</b>	<b>520</b>	<b>550</b>
<b>Shale w/ Clay &amp; Lignite</b>	<b>550</b>	<b>631</b>
<b>Clay w/ Sandy Shale</b>	<b>631</b>	<b>686</b>
<b>Clay &amp; Shale</b>	<b>686</b>	<b>792</b>
<b>Clay</b>	<b>792</b>	<b>824</b>
<b>Sand w/ Shale &amp; Clay</b>	<b>824</b>	<b>945</b>
<b>RECEIVED</b>		
<b>SEP 25 2003</b>		
<b>BY: OLWR</b>		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE	

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]* 0-64

Signature of Licensed Driller and License No. 9/23/03

Date

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>350</b>	No. of Stages <b>12</b>	Setting Depth <b>500</b> FT.
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PUMP TEST

Well yielded WELL NOT YET 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  
**LAYNE GEOLOGICAL SERVICES**

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. 22-9090

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