

**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>2033</b>	CODED
DATE WELL COMPLETED <b>7/21/98</b>	

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

NAME & MAILING ADDRESS OF LANDOWNER <b>E.L.C. WATER ASSOCIATION</b>		
<b>3950 WALDRUP ROAD</b>		
<b>BATESVILLE, MS 38606</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>24</b>	<b>9</b>	<b>9</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>7 1/2</b> Miles	<b>W</b>	<b>BATESVILLE</b>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.		

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <b>H/P 60</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>500</b>	<b>10</b>	<b>200 FT.</b>
PUMP TEST		
Well yielded <b>500</b> GPM with a drawdown of <b>121'8"</b> ft. after <b>24</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>1164'</b>	Casing Diameter (In.) <b>12"</b>	Casing Length (Ft.) <b>1106'</b>
Type of Casing <b>STEEL</b>	Hole Depth <b>1174'</b>	Depth to Static Water Level <b>45'4"</b>

TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe)		
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WELL GROUTED TO A DEPTH OF <b>1106</b> FEET Type Grout (circle one) <u>Cement</u> , Bentonite, or Mix
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<b>SCREEN DATA</b>		
Diameter - Inches <b>8"</b>	Length - Feet <b>50'</b>	Slot Size - Inches <b>.030</b>
Screen Type <b>STAINLESS STEEL</b>	Depth to Bottom - Feet <b>1164'</b>	

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>MS GEOLOGICAL SERVICE</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
Top of Lap Pipe or Reduction in Casing <b>FEET</b> IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	28	Clay, shale, sand stks	928	1059
Sand	28	59	Shale, sand streaks	1059	1105
Coarse Sand, Pea Grav.	59	93	Shale	1105	1114
Sandy clay, pea gravel	93	127	Fine sand	1114	1145
Sandy clay, shale	127	215	fine sand, shale	1145	1174
Rock	215	216			
Shale, Stks of sand	216	605			
Sand & shale	605	637			
Rock	637	638			
Clay, shale & sand stks	638	926			
Rock	926	928			

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IF MORE SPACE IS NEEDED, USE BACK PAGE

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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