

**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>Madison</b>	
WELL NUMBER <b>8</b>	CODED <b>SAV</b>
DATE WELL COMPLETED <b>3/3/98</b>	

PERMIT NUMBER <b>MS-GW-15161</b>
NAME OF DRILLING FIRM <b>Layne Central</b>
<b>Jackson, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Bear Creek Water Association</b>			
<b>PO Box 107</b>			
<b>Canton, MS 39046</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>17</b>	<b>8</b>	<b>1</b>
		<b>N</b>	<b>E</b>
		<b>XX</b>	<b>XW</b>
DISTANCE <b>100'</b>	DIRECTION <b>South</b>	NEAREST TOWN <b>Hwy 463</b>	
OTHER LANDMARK <b>7.2 Mi from I-55 at Hwy Patrol</b>			
WATER USE (Agriculture, Municipal, Industrial, Fish Pond, etc.) <b>Rural Water Association</b>			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <b>Turbine</b> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <b>Electric</b> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>200</b>		
Pump Capacity (GPM) <b>1000</b>	No. of Stages <b>9</b>	Setting Depth <b>FT.</b>
PUMP TEST Well yielded <b>1000</b> GPM with a drawdown of <b>54</b> ft. after <b>24</b> hours of pumping		

WELL DATA		
Well Depth <b>1294'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Ft.) <b>1190'</b>
Type of Casing <b>Welded</b>	Hole Depth <b>1294'</b>	Depth to Static Water Level <b>293'</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , <b>Underreamed</b> , Telescoped, Natural Development, Open Hole, Other		
WELL GROUTED TO A DEPTH OF <b>1190</b> FEET Type Grout (circle one): <b>Cement</b> , Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches <b>10"</b>	Length - Feet <b>90'</b>	Slot Size - Inches <b>20</b>
Screen Type <b>SS - Welded</b>	Depth to Bottom - Feet <b>1294</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev. <b>615</b>	Geologic Unit	Unit Thickness	Depth to Top <b>***</b>
Subs. SWL	Date <b>FFB 01 1999</b>	Analysis	Aquifer Test
Driller's Remarks <b>Dept. of Environmental Quality Office of Land &amp; Water Resources</b>			
Top of Lap Pipe or Reduction in Casing <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	15	Clay	800	925
Yellow & Blue Clay	15	31	Sandy Clay	925	970
Rock	31	32	Fine Sand & Clay	970	1029
Blue Clay	32	355	Rock	1029	1031
Clay & Sand Streaks	355	385	Shale	1031	1180
Sand & Clay Streaks	385	400	Sand	1180	1287
Clay & Sand Streaks	400	520	Sand & Clay Streaks	1287	1307
Fine Sand & Shale	520	660	Clay	1307	1323
Sand & Clay Streaks	660	800			

IF MORE SPACE IS NEEDED, USE BACK

