

**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 <u>Sones</u>	
WELL NUMBER <u>F-87</u>	CODED
DATE WELL COMPLETED <u>6-5-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Thompson Bros.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Bear Creek Golf Course</u>			
<u>Bear Pen Rd</u>			
<u>Laurel MS. 39440</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>3</u>	<u>8</u> <sup>N</sup>	<u>12</u> <sup>E</sup>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>1</u> Miles	<u>W</u>	of <u>Laurel</u>	
OTHER LANDMARK <u>Golf Course</u>			
WELL PURPOSE: Home Irrigation, Municipal, Industrial, Fish Pond, etc.			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>5</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>55</u>		<u>100</u> FT.
PUMP TEST		
Well yielded <u>100</u> GPM with a drawdown of <u>50</u> ft. after <u>air lift</u> hours of pumping		

<b>WELL DATA</b>		
Well Depth <u>165</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>145</u>
Type of Casing <u>PVC</u>	Hole Depth <u>185</u>	Depth to Static Water Level <u>34'</u>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

<b>LOG DATA</b>			
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____			
Name of Organization Running Log			
<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

<b>SCREEN DATA</b>		
Diameter - Inches <u>4</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>PVC slot</u>	Depth to Bottom - Feet <u>165</u>	

Driller's Remarks: <u>20' of dummy casing set below screen. (165-185)</u>
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>yellow clay</u>	<u>0</u>	<u>15</u>	<b>RECEIVED</b>  JUN 26 2000  Dept. of Environmental Quality Office of Land & Water Resources		
<u>sand</u>	<u>15</u>	<u>25</u>			
<u>clay</u>	<u>25</u>	<u>90</u>			
<u>white chalk</u>	<u>90</u>	<u>110</u>			
<u>sand</u>	<u>110</u>	<u>122</u>			
<u>white clay</u>	<u>122</u>	<u>145</u>			
<u>fine sand + clay</u>	<u>145</u>	<u>155</u>			
<u>coarse sand</u>	<u>155</u>	<u>165</u>			
<u>clay</u>	<u>165</u>	<u>185</u>			

IF MORE SPACE IS NEEDED, USE BACK