

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>Jasper</u>	
WELL NUMBER <u>725</u>	CODED
DATE WELL COMPLETED <u>3-1-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Thompson Brothers</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>B.B. Boots Smith Corp.</u>			
<u>2501 Airport Drive</u>			
<u>Laurel MS 39441</u>			
WELL LOCATION	SEC.	TOWNSHIP	RANGE
	<u>10</u>	<u>10</u>	<u>N 12W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>10</u> Miles	<u>N</u>	of <u>Laurel</u>	
OTHER LANDMARK <u>LAKE</u>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <input checked="" type="checkbox"/> Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>85</u>		<u>160</u> FT.
PUMP TEST		
Well yielded <u>60</u> GPM with a drawdown of <u>6</u> ft. after <u>air lift</u> hours of pumping		

WELL DATA		
Well Depth <u>200</u>	Casing Diameter (in.) <u>4</u>	Casing Length (Ft.) <u>160</u>
Type of Casing <u>PVC</u>	Hole Depth <u>205</u>	Depth to Static Water Level <u>110'</u>
TYPE OF COMPLETION: (Circle 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 <u>10</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>No Log Run</u> , Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log _____	

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>40</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>PVC sbt</u>	Depth to Bottom - Feet <u>200</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Red clay</u>	<u>0</u>	<u>10</u>	<u>blue sand with clay</u>		
<u>yellow clay</u>	<u>10</u>	<u>20</u>	<u>streaks</u>	<u>163</u>	<u>198</u>
<u>fine sand & clay</u>	<u>20</u>	<u>40</u>	<u>clay</u>	<u>198</u>	<u>205</u>
<u>white clay</u>	<u>40</u>	<u>55</u>			
<u>Sand</u>	<u>55</u>	<u>60</u>			
<u>white clay</u>	<u>60</u>	<u>75</u>			
<u>Sand</u>	<u>75</u>	<u>85</u>			
<u>yellow clay</u>	<u>85</u>	<u>100</u>			
<u>blue clay</u>	<u>100</u>	<u>140</u>			
<u>Sand</u>	<u>140</u>	<u>144</u>			
<u>shale</u>	<u>144</u>	<u>163</u>			

IF MORE SPACE IS NEEDED, USE BACK