

**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>JASPER</b>	
WELL NUMBER <b>2008</b>	COPED
DATE WELL COMPLETED <b>5/10/99</b>	

PERMIT NUMBER <b>0-624</b>
NAME OF DRILLING FIRM <b>THOMPSON BROS.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>DAVID RATCLIFF</b>			
<b>P.O. BOX 706</b>			
<b>LAUREL MS. 39441</b>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<b>16</b>	<b>10</b>	<b>12</b>	
DISTANCE	DIRECTION	NEAREST TOWN	
<b>3</b> Miles	<b>N</b>	of <b>MOSS</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>POND</b>			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ H/P <b>2</b>		
Pump Capacity (GPM) <b>35</b>	No. of Stages	Setting Depth <b>140</b> FT.
PUMP TEST		
Well yielded <b>40</b> GPM with a drawdown of <b>30</b> ft. after _____ hours of pumping		

WELL DATA		
Well Depth <b>165</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>145</b>
Type of Casing <b>PVC</b>	Hole Depth <b>165</b>	Depth to Static Water Level <b>76</b>
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 <b>10</b> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) <b>N.A.</b>	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <b>4</b>	Length - Feet <b>20</b>	Slot Size - Inches <b>1.008</b>
Screen Type <b>PVC SLOT</b>	Depth to Bottom - Feet <b>165</b>	

GEOLOGIC DATA (Office Use Only)			
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			
FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
RED CLAY	0	10
SAND	10	55
ROCK	55	56
SANDY BLUE CLAY	56	68
WHITE CLAY (HARD)	68	90
BLUE CLAY (HARD)	90	136
SANDY CLAY	136	145
BROKEN SAND CLAY	145	155
BLUE SAND (MED)	155	165
CLAY	165	166

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>MAY 19 1999</b>		
Dept. of Environmental Quality Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK PAGE		