

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 <i>Helmes</i>	
WELL NUMBER <i>7</i>	CODED <i>2005</i>
DATE WELL COMPLETED <i>1-1-99</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>THOMAS</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Joe Rucker</i>			
<i>129 Rathliff Dr.</i>			
<i>Madison, 39110</i>			
WELL LOCATION	SEC <i>31</i>	TOWNSHIP <i>14</i>	RANGE <i>4</i>
DISTANCE <i>3 1/2</i>	DIRECTION <i>S</i>	NEAREST TOWN <i>Castalian Springs</i>	
OTHER LANDMARK <i>Just S. of Helmes Co. State Park</i>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Deer Camp</i>			

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) _____		
Pump Capacity (GPM) <i>10</i>	No. of Stages <i>10</i>	Setting Depth <i>65</i> FT.
PUMP TEST		
Well yielded <i>10</i> GPM with a drawdown of _____ ft. after <i>80</i> hours of pumping		

WELL DATA		
Well Depth <i>90</i>	Casing Diameter (In.) <i>4</i>	Casing Length (Ft.) <i>80</i>
Type of Casing <i>PVC</i>	Hole Depth <i>90</i>	Depth to Static Water Level <i>55</i>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		

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) _____	
Name of Organization Running Log	

WELL GROUTED TO A DEPTH OF <i>10</i> FEET
Type Grout (circle one): Cement, Bentonite, or Mix

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

SCREEN DATA		
Diameter - Inches <i>4</i>	Length - Feet <i>10</i>	Slot Size - Inches <i>.010</i>
Screen Type <i>PVC Sanded</i>	Depth to Bottom - Feet <i>90</i>	

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	FORMATIONS (Continued)	FROM	TO
<i>DIRT</i>	<i>0</i>	<i>3</i>			
<i>CLAY</i>	<i>3</i>	<i>15</i>			
<i>TANNISH SAND</i>	<i>15</i>	<i>40</i>			
<i>WHITE SAND</i>	<i>40</i>	<i>90</i>			