

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>Green</i>	
WELL NUMBER <i>P-2043</i>	CODED
DATE WELL COMPLETED <i>11-9-2000</i>	

PERMIT NUMBER <i>0408</i>
NAME OF DRILLING FIRM <i>Empire Well Serv.</i>
<i>194 Depot Rd Hickman MS 39452</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Ray Hicks</i>			
WELL LOCATION			
SEC <i>12</i>	TOWNSHIP <i>T2</i>	RANGE <i>R6</i>	NEAREST TOWN <i>10</i>
DISTANCE <i>6</i> Miles	DIRECTION <i>West</i>	NEAREST ROAD <i>Lebanon Hwy</i>	
OTHER LANDMARK <i>South of Unity</i>			
WELL PURPOSE <i>Farm Culti.</i>			

PUMP DATA		
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 <i>3</i>		
Pump Capacity (GPM) <i>35</i>	No. of Stages <i>16</i>	Setting Depth <i>120'</i> FT.
PUMP TEST		
Well yielded <i>401</i> GPM with a drawdown of <i>15</i> ft. after <i>1 1/2</i> hours of pumping		

WELL DATA		
Well Depth <i>150'</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>140'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>150'</i>	Depth to Static Water Level <i>80'</i>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Pack <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development <input type="checkbox"/> Open Hole <input type="checkbox"/> Other (Describe) <i>air lift</i>		
WELL GROUTED TO A DEPTH OF <i>2'</i> FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement <input type="checkbox"/> 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) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - Inches <i>4"</i>	Length - Feet <i>10'</i>	Slot Size - Inches <i>#8</i>
Screen Type <i>Wrapped Johnson</i>	Depth to Bottom - Feet <i>150'</i>	

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		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Top Soil</i>	<i>0</i>	<i>5</i>	RECEIVED DEC 11 2000 Dept. of Environmental Quality Office of Land & Water Resources		
<i>Sand & Clay Shale</i>	<i>5</i>	<i>20</i>			
<i>Chalk & Clay</i>	<i>20</i>	<i>40</i>			
<i>Wet Sand</i>	<i>40</i>	<i>45</i>			
<i>tan Clay</i>	<i>45</i>	<i>80</i>			
<i>Blue Clay</i>	<i>80</i>	<i>110</i>			
<i>Strip Silt & Blue Clay</i>	<i>110</i>	<i>140</i>			
<i>Med. Silt.</i>	<i>140</i>	<i>150</i>			

IF MORE SPACE IS NEEDED, USE BACK