

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Benton</b>	
WELL NUMBER <b>N 18</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>April 1993</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>LEEPER Drilling</b>
<b>PONTOTOC</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>OPEN DOOR CHURCH</b>		
<b>1/2 David Helmick</b>		
<b>Hickory Flat, MS</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>24</b>	<b>5 N</b>	<b>1 E</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>2</b> Miles	<b>E</b>	<b>Potts Camp</b>
OTHER LANDMARK <b>Old # 78 @ Winborn</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>HOME</b>		

<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 _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>10</b>	<b>11</b>	<b>100</b> FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>660' <sup>40</sup></b>	<b>4"</b>	<b>300'</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>PVC</b>	<b>660'</b>	<b>40'</b>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, <input checked="" type="checkbox"/> Telescoped, Natural Development, Open Hole, Other _____		
Top of Lap Pipe or Reduction in Casing		
FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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

<b>SCREEN DATA</b>		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>2"</b>	<b>40'</b>	<b>.010</b>
Screen Type	Depth to Bottom - Feet	
<b>Slotted PVC</b>	<b>660'</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>High Static Level</b>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP CLAY	0	20			
Red SAND	20	50			
Blue clay	50	75			
White sand	75	205			
BLUE CLAY	205	450			
CHALK	450	550			
SAND	550	565			
CHALK	565	620			
SAND	620	660			

**RECEIVED**

MAY 13 1993

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK