

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>Lauderdale</i>	
WELL NUMBER <i>A 2104</i>	CODED
DATE WELL COMPLETED <i>10/6/98</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>McDonald & Hill Inc</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Dean Reil</i>			
<i>1104 - Kascuskota</i>			
<i>Philadelphia, Miss</i>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<i>5</i>	<i>6 N</i>	<i>15 E</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>2</i> Miles	<i>NW</i>	of <i>Meriden</i>	
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="radio"/> Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) <i>H/P 3/4</i>		
Pump Capacity (GPM) <i>8</i>	No. of Stages <i>13</i>	Setting Depth <i>160</i> FT.
PUMP TEST		
Well yielded <i>25</i> GPM with a drawdown of <i>30</i> ft. after <i>3</i> hours of pumping		

WELL DATA		
Well Depth <i>480'</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>300'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>115'</i>	Depth to Static Water Level
TYPE OF COMPLETION: (Circle One or More): <input type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input type="radio"/> Telescoped, <input type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe)		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>40</i>	Slot Size - Inches <i># 8</i>
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>480</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>Clay/Sand</i>	<i>0</i>	<i>30</i>	<i>st sand</i>	<i>320</i>	<i>330</i>
<i>Shale</i>	<i>30</i>	<i>80</i>	<i>Shale</i>	<i>330</i>	<i>415</i>
<i>Coarse sand</i>	<i>80</i>	<i>110</i>	<i>st fine sand</i>	<i>415</i>	<i>480</i>
<i>Shale</i>	<i>110</i>	<i>155</i>			
<i>st sand</i>	<i>155</i>	<i>172</i>			
<i>Shale</i>	<i>172</i>	<i>212</i>			
<i>Rock</i>	<i>212</i>	<i>215</i>			
<i>Shale</i>	<i>215</i>	<i>330</i>			
<i>st sand</i>	<i>330</i>	<i>350</i>			
<i>Shale</i>	<i>350</i>	<i>436</i>			
<i>fine sand</i>	<i>436</i>	<i>480</i>			

RECEIVED

OCT 08 1998

Mississippi Department of Environmental Quality
Office of Land & Water Resources