

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>4 2019</i>	CODED
DATE WELL COMPLETED <i>6/22/94</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>McDonald + Hill Co</i>
<i>Meriden, Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Ray Cook</i>			
<i>40 82 - Hwy 19 South</i>			
<i>Meridian, Miss.</i>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<i>8</i>	<i>5</i>	<i>18</i>
DISTANCE	DIRECTION	NEAREST TOWN	
<i>10</i> Miles	<i>SE</i>	of <i>Meriden</i>	
OTHER LANDMARK			
WELL PURPOSE 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) _____ H/P <i>1</i>			
Pump Capacity (GPM)	No. of Stages	Setting Depth	
<i>8</i>	<i>16</i>	<i>320</i> FT.	
PUMP TEST			
Well yielded <i>12</i> GPM with a drawdown of <i>20</i> ft. after <i>3</i> hours of pumping			

WELL DATA		
Well Depth <i>560'</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>422'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>560'</i>	Depth to Static Water Level <i>270'</i>
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	Length - Feet	Slot Size - Inches
Screen Type	Depth to Bottom - Feet	

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
<i>Clay & sand</i>	<i>0</i>	<i>40</i>
<i>shale</i>	<i>40</i>	<i>52</i>
<i>Clay & sand</i>	<i>52</i>	<i>122</i>
<i>shale</i>	<i>122</i>	<i>280</i>
<i>st sandy shale</i>	<i>280</i>	<i>390</i>
<i>#10 sand</i>	<i>390</i>	<i>410</i>
<i>shale</i>	<i>410</i>	<i>435</i>
<i>st sandy shale</i>	<i>435</i>	<i>510</i>
<i>sandy</i>	<i>510</i>	<i>540</i>
<i>fine sand</i>	<i>540</i>	<i>560</i>

FORMATIONS (Continued)	FROM	TO
RECEIVED		
JUL 07 1994		
Dept. of Environmental Quality Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK		