

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 <u>Lauderdale</u>	
WELL NUMBER <u>J-2077</u>	CODED
PERMIT NUMBER	
NAME OF DRILLING FIRM <u>McDonald & Hill</u>	
DATE WELL COMPLETED <u>11/5/00</u>	
LOCATION <u>Meridian, Miss.</u>	

NAME & MAILING ADDRESS OF LANDOWNER <u>Dr. Bucky Phillippe</u>		
<u>8376-Russell-Septant</u>		
<u>Meridian, Miss.</u>		
WELL LOCATION	SEC	TOWNSHIP RANGE
	<u>7</u>	<u>7</u> ^N <u>17</u> ^E
DISTANCE	DIRECTION	NEAREST TOWN
<u>3</u> Miles	<u>N</u>	<u>Meridian</u>
OTHER LANDMARK		
WELL PURPOSE: <input checked="" type="checkbox"/> Home, <input type="checkbox"/> Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input checked="" type="checkbox"/> Fish Pond, etc.		

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) _____ H/P <u>S</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>40</u>	<u>14</u>	<u>294</u> FT.
PUMP TEST		
Well yielded <u>40</u> GPM with a drawdown of <u>50</u> ft. after <u>3</u> hours of pumping		

WELL DATA		
Well Depth <u>482</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>360</u>
Type of Casing <u>PVC</u>	Hole Depth <u>360</u>	Depth to Static Water Level <u>240'</u>
TYPE OF COMPLETION: (Circle One or More) <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input checked="" type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> 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="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 <u>2"</u>	Length - Feet <u>40'</u>	Slot Size - Inches <u>014</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>482</u>	

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 TELESOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay, sandy</u>	<u>0</u>	<u>22</u>			
<u>Shale, lignite</u>	<u>22</u>	<u>130</u>			
<u>Sandy Shale</u>	<u>130</u>	<u>175</u>			
<u>Shale, sandy st.</u>	<u>175</u>	<u>240</u>			
<u>Shale</u>	<u>240</u>	<u>420</u>			
<u>Sand</u>	<u>420</u>	<u>482</u>			

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IF MORE SPACE IS NEEDED, USE BACK