

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 <i>Lauderdale</i>	
WELL NUMBER <i>2075</i>	PERMIT NUMBER
DATE WELL COMPLETED <i>5/23/97</i>	NAME OF DRILLING FIRM <i>McDonald & Hill Mdn. Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Peter Buggan 31 Butts Radcliffe Rd Meridian, MS</i>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<i>17</i>	<i>7</i>	<i>17</i>
DISTANCE <i>2</i> Miles	DIRECTION <i>NW</i>	NEAREST TOWN <i>Russell</i>
OTHER LANDMARK		
WELL PURPOSE <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input 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 _____		
Pump Capacity (GPM) <i>8</i>	No. of Stages <i>14</i>	Setting Depth <i>280</i> FT.
PUMP TEST		
Well yielded <i>20</i> GPM with a drawdown of <i>25</i> ft. after <i>3</i> hours of pumping		

WELL DATA		
Well Depth <i>520</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>372'</i>
Type of Casing <i>PVC</i>	Hole Depth	Depth to Static Water Level <i>243'</i>
TYPE OF COMPLETION: (Circle One or More): <input type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks
<i>130' - 2" PVC Pipe</i>
<i>1-2" back pump valve</i>
<i>1-4x2 Rubber Seal</i>

SCREEN DATA		
Diameter - Inches <i>2"</i>	Length - Feet <i>30</i>	Slot Size - Inches
Screen Type <i>PVC</i>	Depth to Bottom - Feet	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clay</i>	<i>0</i>	<i>15</i>	<i>Shale</i>	<i>425</i>	<i>490</i>
<i>St Sandy Shale</i>	<i>15</i>	<i>60</i>	<i>#12 Sand</i>	<i>490</i>	<i>520</i>
<i>Shale lignite</i>	<i>60</i>	<i>115</i>			
<i>Sand</i>	<i>115</i>	<i>200</i>			
<i>Shale</i>	<i>200</i>	<i>360</i>			
<i>sandy shale</i>	<i>360</i>	<i>370</i>			
<i>Shale</i>	<i>370</i>	<i>395</i>			
<i>#12 sand</i>	<i>395</i>	<i>420</i>			
	<i>420</i>				
<i>St Sandy Shale</i>	<i>395</i>	<i>425</i>			

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IF MORE SPACE IS NEEDED, USE BACK