

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>Newton</i>	
WELL NUMBER <i>J 80</i>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <i>10/26/93</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>McDonald & Hill</i>
<i>Meridian, MS</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>Guy Ballingerworth</i>		
<i>At 1 Box 4194</i>		
<i>Lawrence, Miss.</i>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<i>29</i>	<i>6 S</i>	<i>10 W</i>
DISTANCE	DIRECTION	NEAREST TOWN
<i>3/4</i> Miles	<i>E</i>	<i>Lake</i>
OTHER LANDMARK		
WELL PURPOSE: Home Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Chicken Houses</i>		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) <i>H/P 5</i>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<i>30</i>	<i>13</i>	<i>273</i> FT.
PUMP TEST		
Well yielded <i>30</i> GPM with a drawdown of <i>35</i> ft. after <i>4</i> hours of pumping		

WELL DATA		
Well Depth <i>1020</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>503'</i>
Type of Casing <i>PVC</i>	Hole Depth	Depth to Static Water Level <i>200</i>

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="radio"/> No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <i>NOV 01 1993</i>	

TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____	
Top of Lap Pipe or Reduction in Casing <i>418</i> FEET	
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
	<i>20'</i>	<i>#10</i>
Screen Type <i>Stainless Steel</i>	Depth to Bottom - Feet <i>1020</i>	

Driller's Remarks <i>520' 2" black pipe</i> <i>31' - 6" PVC</i> <i>1- 4x2 Rubber Seal</i> <i>1- 2" back pressure valve</i>
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>clay shale</i>	<i>0</i>	<i>30</i>	<i>Green sand</i>	<i>585</i>	<i>610</i>
<i>st sand</i>	<i>30</i>	<i>90</i>	<i>shale</i>	<i>610</i>	<i>850</i>
<i>shale</i>	<i>90</i>	<i>100</i>	<i>sand st rock</i>	<i>880</i>	<i>920</i>
<i>st sand</i>	<i>100</i>	<i>180</i>	<i>green sand st rock</i>	<i>740</i>	<i>760</i>
<i>shale</i>	<i>180</i>	<i>260</i>	<i>Rock & shale</i>	<i>760</i>	<i>920</i>
<i>st sand</i>	<i>260</i>	<i>300</i>	<i>st fine sand</i>	<i>920</i>	<i>1000</i>
<i>shale</i>	<i>300</i>	<i>360</i>	<i>#10 sand</i>	<i>1000</i>	<i>1020</i>
<i>sandy st rock</i>	<i>360</i>	<i>400</i>			
<i>shale</i>	<i>400</i>	<i>428</i>			
<i>st fine sand</i>	<i>428</i>	<i>550</i>			
<i>shale</i>	<i>550</i>	<i>585</i>			
<i>st green sand</i>					

IF MORE SPACE IS NEEDED, USE BACK

