

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>N 2066</i>	CODED	PERMIT NUMBER
DATE WELL COMPLETED <i>3/31/98</i>		NAME OF DRILLING FIRM <i>McDonald & Kell</i>	
NAME & MAILING ADDRESS OF LANDOWNER <i>Vaughn Rush</i>		ADDRESS <i>2809 - Poplar Springs Dr.</i>	
WELL LOCATION: SEC <i>7</i> TOWNSHIP <i>6 S</i> RANGE <i>16 E</i>		DISTANCE <i>mi</i> DIRECTION <i>South</i> NEAREST TOWN <i>Meriden</i>	
WELL PURPOSE: <input checked="" type="radio"/> Home, <input type="radio"/> Irrigation, <input type="radio"/> Municipal, <input type="radio"/> Industrial, <input type="radio"/> 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) _____		
Pump Capacity (GPM) <i>25</i>	No. of Stages <i>19</i>	Setting Depth <i>160</i> FT.
PUMP TEST		
Well yielded <i>35</i> GPM with a drawdown of <i>40</i> ft. after <i>4</i> hours of pumping		

WELL DATA		
Well Depth <i>360</i>	Casing Diameter (In.) <i>4"</i>	Casing Length (Ft.) <i>310'</i>
Type of Casing <i>PVC</i>	Hole Depth <i>310'</i>	Depth to Static Water Level <i>112'</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) _____		
Top of Lap Pipe or Reduction in Casing FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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>30</i>	Slot Size - Inches <i>.010</i>	
Screen Type <i>PVC</i>	Depth to Bottom - Feet <i>360</i>		

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <i>pumped good</i>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Red Clay</i>	<i>0</i>	<i>20</i>			
<i>Shale</i>	<i>20</i>	<i>40</i>			
<i>Sandy</i>	<i>40</i>	<i>80</i>			
<i>Shale</i>	<i>80</i>	<i>157</i>			
<i>Rock</i>	<i>157</i>	<i>159</i>			
<i>Sandy Shale</i>	<i>159</i>	<i>280</i>			
<i>Shale</i>	<i>280</i>	<i>312</i>			
<i>Sandy</i>	<i>312</i>	<i>330</i>			
<i>Sand</i>	<i>330</i>	<i>360</i>			

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Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK