

**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 <b>MADISON</b>	
WELL NUMBER <b>R34</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>Nov. 18, 1996</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>EM Bud Cresswell</b>
<b>BENTONIA, MS - 39040</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>TOBY TROWBRIDGE</b> <b>FLORA, MS-</b>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<b>32</b>	<b>8</b>	<b>N 1</b>	<b>W</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>4</b> Miles	<b>South</b>	<b>of FLORA</b>	
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="checkbox"/> Home, <input type="checkbox"/> 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 <b>1/2</b>		
Pump Capacity (GPM) <b>20</b>	No. of Stages <b>12</b>	Setting Depth <b>252</b> FT.
PUMP TEST		
Well yielded <b>40</b> GPM with a drawdown of <b>20</b> ft. after <b>2 1/2</b> hours of pumping		

WELL DATA		
Well Depth <b>570</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>540</b>
Type of Casing <b>PUC</b>	Hole Depth <b>600</b>	Depth to Static Water Level <b>190</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input checked="" type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		

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

WELL GROUTED TO A DEPTH OF **25** FEET  
Type Grout (circle one): Cement,  Bentonite or Mix

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

SCREEN DATA		
Diameter - Inches <b>4</b>	Length - Feet <b>30</b>	Slot Size - Inches <b>.013</b>
Screen Type <b>PUC</b>	Depth to Bottom - Feet <b>570</b>	

Driller's Remarks	
Top of Lap Pipe or Reduction in Casing	

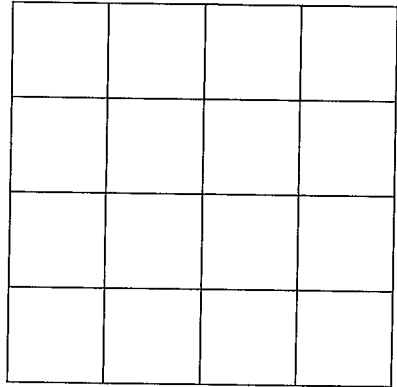
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>SURFACE DEPOSITS</b>	<b>0</b>	<b>15</b>
<b>YAZOO CLAY</b>	<b>15</b>	<b>490</b>
<b>Meadow Branch</b>	<b>490</b>	<b>570</b>
<b>SANDY SHALE</b>	<b>570</b>	<b>530</b>
<b>SAND</b>	<b>530</b>	<b>570</b>

FORMATIONS (Continued)	FROM	TO

Dept. of Environmental Quality  
Office of Land & Water Resources

If well telescopes please  
sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.