

**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>531</b>	CODED
DATE WELL COMPLETED <b>FEB. 29, 2000</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>EMERSON CRESSWELL</b>
<b>BENTONIA, MS 39040</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>JAMES B. ALLEN</b> <b>TODD ALLEN</b> <b>P.O. Box 5328</b>			
<b>JACKSON, MS. 39296</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>3</b>	<b>8 N</b>	<b>1 E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>6</b> Miles	<b>EAST</b>	of <b>FLORA</b>	
OTHER LANDMARK			
WELL PURPOSE <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc.			

<b>PUMP DATA</b>			
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>5</b>			
Pump Capacity (GPM)	No of Stages	Setting Depth	
<b>40</b>	<b>15</b>	<b>252</b> FT.	
PUMP TEST			
Well yielded <b>60</b> GPM with a drawdown of <b>10</b> ft. after <b>2</b> hours of pumping			

<b>WELL DATA</b>		
Well Depth <b>615</b>	Casing Diameter (In ) <b>4</b>	Casing Length (Ft ) <b>575</b>
Type of Casing <b>PVC</b>	Hole Depth: <b>660</b>	Depth to Static Water Level <b>150</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) _____		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, <input checked="" type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log <b>STATE</b>	

WELL GROUTED TO A DEPTH OF <b>25</b> FEET Type Grout (circle one): Cement, <input checked="" type="checkbox"/> Bentonite, or Mix
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<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

<b>SCREEN DATA</b>		
Diameter - Inches <b>4</b>	Length - Feet <b>40</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>615</b>	

Driller's Remarks
Top of Lap Pipe or Reduction in Casing: <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>SURFACE DEPOSITS</b>	<b>0</b>	<b>30</b>			
<b>V200 CLAY</b>	<b>30</b>	<b>260</b>			
<b>Muddy's BRANCH</b>	<b>260</b>	<b>296</b>			
<b>SANDY SHALE</b>	<b>296</b>	<b>527</b>			
<b>SAND</b>	<b>527</b>	<b>620</b>			
<b>SANDY SHALE</b>	<b>620</b>	<b>660</b>			

IF MORE SPACE IS NEEDED, USE BACK

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.