

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 <u>DESOTO</u>		PERMIT NUMBER
WELL NUMBER <u>310</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL</u>
DATE WELL COMPLETED <u>11-21-01</u>		<u>DRILLING + SERVICE</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>C+C BUILDERS</u>			
<u>LOT 99 CENTRAL HILLS ESTATES</u>			
<u>OLIVE BRANCH MS.</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>L-9</u>	<u>T20N</u>	<u>R5E</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>8</u> Miles	<u>N/E</u>	<u>OLIVE BRANCH</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u>			

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 <u>34</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>12</u>	<u>10</u>	<u>40</u> FT.
PUMP TEST		
Well yielded <u>18</u> GPM with a drawdown of <u>3</u> ft. after <u>1</u> hours of pumping		

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<u>125</u>	<u>4"</u>	<u>115</u>
Type of Casing	Hole Depth	Depth to Static Water Level
<u>PVC</u>	<u>125</u>	<u>25</u>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>WASHED SAND</u>		
WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix		

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	

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<u>4"</u>	<u>10</u>	<u>14/100S</u>
Screen Type	Depth to Bottom - Feet	
<u>PVC</u>	<u>125</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <u>REC'D DEC 31 2001</u>			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>			
<u>WHITE CLAY</u>	<u>20</u>	<u>50</u>			
<u>FINE WHITE SAND</u>	<u>50</u>	<u>90</u>			
<u>COARSE WHITE SAND</u>	<u>90</u>	<u>125</u>			

IF MORE SPACE IS NEEDED, USE BACK