

**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>	
WELL NUMBER <u>107</u>	CODED
<u>H2090</u>	
DATE WELL COMPLETED <u>10-28-99</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL DRILLING &amp; SEAL</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>A+C BUILDERS</u>			
<u>107<del>2</del> CENTER HILL</u>			
<u>ESTATES OLIVE BRANCH</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>L-9 T-2 N-15 W</u>			
DISTANCE	DIRECTION	NEAREST TOWN	
<u>2</u> Miles	<u>N/10</u>	of <u>OLIVE BRANCH</u>	
OTHER LANDMARK			
WELL PURPOSE Home Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u>			

<b>PUMP DATA</b>		
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) _____ H/P <u>3/4</u>		
Pump Capacity (GPM) <u>12</u>	No of Stages <u>12</u>	Setting Depth <u>40</u> FT.
PUMP TEST		
Well yielded <u>20</u> GPM with a drawdown of <u>2</u> ft. after <u>1</u> hours of pumping		

<b>WELL DATA</b>		
Well Depth <u>113'</u>	Casing Diameter (In) <u>4"</u>	Casing Length (Ft) <u>103'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>113</u>	Depth to Static Water Level <u>20'</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): Cement, Bentonite, or Mix		

<b>LOG DATA</b>	
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	

<b>SCREEN DATA</b>		
Diameter - Inches <u>4"</u>	Length - Feet <u>10'</u>	Slot Size - Inches <u>14 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>113'</u>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
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>50</u>			
<u>WHITE SAND + CLAY</u>	<u>20</u>	<u>80</u>			
<u>WHITE SAND</u>	<u>80</u>	<u>113</u>			

IF MORE SPACE IS NEEDED, USE BACK