

**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>DESOTO</b>	
WELL NUMBER <b>251</b>	CODED
K-2097	
DATE WELL COMPLETED <b>12-1-01</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>SMITH WELL DRILLING + SERV.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>DANNY HOLDEN WHEELER RD HERNANDO, MS. 38632</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>5-15</b>	<b>T4</b>	<b>R8 E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>2</b> Miles	<b>S/W</b>	of <b>HERNANDO</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>HOME</b>			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>37</b>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>12</b>	<b>10</b>	<b>100</b> FT.
PUMP TEST		
Well yielded <b>18</b> GPM with a drawdown of <b>5</b> ft. after <b>1</b> hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>155</b>	<b>4"</b>	<b>145</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>PVC</b>	<b>155</b>	<b>80'</b>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <b>Washed Sand</b>		
WELL GROUTED TO A DEPTH OF <b>10</b> FEET Type Grout (circle one) <input checked="" type="radio"/> Cement, Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
<b>4"</b>	<b>10'</b>	<b>1/4 THOUS</b>
Screen Type	Depth to Bottom - Feet	
<b>PVC</b>	<b>155</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>REC'D DEC 31 2001</b>			
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
<b>RED SOIL</b>	<b>0</b>	<b>20</b>			
<b>SAND + GRAVEL</b>	<b>20</b>	<b>70</b>			
<b>WHITE CLAY</b>	<b>70</b>	<b>110</b>			
<b>WHITE SAND + CLAY</b>	<b>110</b>	<b>140</b>			
<b>WHITE SAND</b>	<b>140</b>	<b>155</b>			
IF MORE SPACE IS NEEDED, USE BACK					