

**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>DE SOTO</b>		
WELL NUMBER <b>170</b>	CODED	PERMIT NUMBER
NAME OF DRILLING FIRM <b>SMITH WELL DRILLING &amp; SERV.</b>		
DATE WELL COMPLETED <b>8-22-00</b>		

NAME & MAILING ADDRESS OF LANDOWNER <b>TOMMY LANIER</b>			
<b>FOUG RD</b>			
<b>HERNANDO</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<b>N-18</b>	<b>T-3</b>	<b>S R-8</b>	<b>E W</b>
DISTANCE <b>2</b> Miles	DIRECTION <b>W</b>	NEAREST TOWN <b>HERNANDO</b>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Ponds</b>			

<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) _____ <b>H/P 1 1/2</b>		
Pump Capacity (GPM) <b>50</b>	No of Stages <b>12</b>	Setting Depth <b>80</b> FT.
PUMP TEST		
Well yielded <b>75</b> GPM with a drawdown of <b>8</b> ft. after <b>1</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>114</b>	Casing Diameter (In) <b>4"</b>	Casing Length (Ft) <b>94</b>
Type of Casing <b>PVC</b>	Hole Depth <b>114</b>	Depth to Static Water Level <b>60'</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, <input type="radio"/> Bentonite, or Mix		

<b>LOG DATA</b>	
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	

<b>SCREEN DATA</b>		
Diameter - inches <b>4"</b>	Length - Feet <b>20'</b>	Slot Size - inches <b>14/65</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>114</b>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Well Technique	Depth to Top
Subs. Sp	Grains	Analysis	Aquifer Test
Driller's Remarks <b>JAN 05 2001</b>			
Dept. of Environmental Quality Office of Land & Water Resources <b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>20</b>			
<b>WHITE CLAY</b>	<b>20</b>	<b>40</b>			
<b>WHITE SAND</b>	<b>40</b>	<b>80</b>			
<b>SAND + PEA GRAVEL</b>	<b>80</b>	<b>114</b>			

IF MORE SPACE IS NEEDED, USE BACK