

**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>0125</b>	CODED
<b>C-2076</b>	
DATE WELL COMPLETED <b>1-12-00</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Smith Well Drilling + Service</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>JAMIE HARRIS</b>			
<b>DAKWOOD DR</b>			
<b>SOUTHAVEN, MS.</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>D22</b>	<b>T1</b>	<b>R7</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>10</b> Miles	<b>E</b>	of <b>SOUTHAVEN</b>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>IRRIGATION</b>			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible    Turbine    Jet    Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric    Tractor    Diesel    Gasoline    Butane, Other (Describe) _____		
Pump Capacity (GPM) <b>50</b>	No of Stages <b>19</b>	Setting Depth <b>220</b> FT.
PUMP TEST		
Well yielded <b>60</b> GPM with a drawdown of <b>8</b> ft. after <b>4</b> hours of pumping		

Well Depth <b>275</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>245</b>
Type of Casing <b>PVC</b>	Hole Depth <b>275</b>	Depth to Static Water Level <b>175</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>70</b> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

<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>30</b>	Slot Size - Inches <b>14 THOUS</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>275</b>	

Driller's Remarks
<b>RECEIVED</b>
Top of Last Pipe or Reduction in Casing <b>275</b> FEET UNLESS NOTED OTHERWISE IF TALES CORED 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>	Dept. of Environmental Quality Office of Land & Water Resources		
<b>GRAVEL</b>	<b>20</b>	<b>80</b>			
<b>GREY CLAY</b>	<b>80</b>	<b>160</b>			
<b>WHITE CLAY + SAND</b>	<b>160</b>	<b>200</b>			
<b>WHITE SAND</b>	<b>200</b>	<b>275</b>			

IF MORE SPACE IS NEEDED, USE BACK