

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

**HICKS WATER WELL CO.**

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>D 2065</b>	CODED
DATE WELL COMPLETED <b>8-21-98</b>	

PERMIT NUMBER <b>30242</b>	ADDRESS <b>HWY. 4 EAST</b>
LOCATION <b>SENATORIA, MS 38668</b>	
NAME OF DRILLING FIRM	

NAME & MAILING ADDRESS OF LANDOWNER <b>A.W. Smith Equip. Co.</b>			
<b>8269 FRONTAGE DR.</b>			
<b>OLIVE BRANCH, MS 38654</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>19</b>	<b>1 N</b>	<b>6 E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>-</b>	<b>-</b>	<b>of Olive Branch</b>	
OTHER LANDMARK <b>CRAFT Rd + Hwy 78</b>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <b>Submersible</b> Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <b>Electric</b> Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>5</b>		
Pump Capacity (GPM) <b>80</b>	No. of Stages	Setting Depth <b>300</b> FT.
PUMP TEST		
Well yielded <b>no</b> GPM with a drawdown of <b>Test</b> ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>312</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>242</b>
Type of Casing <b>PVC</b>	Hole Depth <b>312</b>	Depth to Static Water Level <b>120'</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>3</b> FEET Type Grout (circle one): <b>Cement</b> , Bentonite, or Mix		

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

<b>SCREEN DATA</b>		
Diameter - Inches <b>4</b>	Length - Feet <b>70</b>	Slot Size - Inches <b>.013</b>
Screen Type <b>PVC Slot</b>	Depth to Bottom - Feet <b>242</b>	

<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			
<b>0-24-5 24 5 13 5 0 V.</b>			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Red + White Clay</b>	<b>0</b>	<b>20</b>			
<b>Red Sand + Red Gravel</b>	<b>20</b>	<b>70</b>			
<b>Yellow + White Clay</b>	<b>70</b>	<b>100</b>			
<b>Gray Clay</b>	<b>100</b>	<b>215</b>			
<b>White Sand</b>	<b>215</b>	<b>312</b>			

IF MORE SPACE IS NEEDED, USE BACK