

**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>ITTC</u>		PERMIT NUMBER
WELL NUMBER <u>130</u>	CODED	
H-103		NAME OF DRILLING FIRM <u>SMITH WELL</u>
DATE WELL COMPLETED <u>9-14-00</u>		<u>MULLIN &amp; SERRA</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>BRADLEY</u> <u>SENATORIA LAKE</u> <u>SENATORIA</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>I-30</u>	<u>T-5</u>	<u>S</u>	<u>R-6</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>6</u> Miles	<u>E</u>	of <u>SENATORIA</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u>			

<b>PUMP DATA</b>			
PUMP TYPE (Circle One): <u>Submersible</u> Turbine, Jet, Flowing Well, Other (Describe) _____			
POWER TYPE (Circle One): <u>Electric</u> Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>34</u>			
Pump Capacity (GPM) <u>12</u>	No of Stages <u>10</u>	Setting Depth <u>60</u>	FT.
PUMP TEST			
Well yielded <u>70</u> GPM with a drawdown of <u>3</u> ft. after <u>1</u> hours of pumping			

<b>WELL DATA</b>		
Well Depth <u>245</u>	Casing Diameter (In ) <u>4"</u>	Casing Length (Ft.) <u>225</u>
Type of Casing <u>PVC</u>	Hole Depth <u>245</u>	Depth to Static Water Level <u>40'</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>20</u> FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log	

<b>SCREEN DATA</b>		
Diameter - inches <u>4"</u>	Length - Feet <u>20'</u>	Slot Size - inches <u>14 TENS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>245'</u>	

<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
<u>102.0</u>	<u>CLAY</u>		
Sub-Surface	Analysis	Aquifer Test	
<u>102.0</u>			
Driller's Remarks <u>JAN 05 2001</u>			
Top of Lap Pipe or Reduction in Casing <u>112' 11"</u>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>TOD SOIL</u>	<u>0</u>	<u>20</u>	<u>FINE WHITE SAND</u>	<u>190</u>	<u>245</u>
<u>SAND + GRAVEL</u>	<u>20</u>	<u>60</u>			
<u>WHITE SAND + CLAY</u>	<u>60</u>	<u>190</u>			
<u>WHITE CLAY + SAND</u>	<u>190</u>	<u>190</u>			

IF MORE SPACE IS NEEDED, USE BACK

