

**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>TATE</u>	
WELL NUMBER <u>117</u>	CODED
C 2161	
DATE WELL COMPLETED <u>12-7-99</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>SMITH WELL</u>
<u>DRILLING &amp; SEW.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>RONALD SWEEDEN</u> <u>WATERFIELD ESTATES</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>D24</u>	<u>T4</u>	<u>R6 E</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>2</u> Miles	<u>S</u>	of <u>WATERFIELD</u>	
OTHER LANDMARK			
WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.) <u>NONE</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>12</u>	Setting Depth <u>100</u> FT.
PUMP TEST		
Well yielded <u>15</u> GPM with a drawdown of <u>2</u> ft. after <u>1</u> hours of pumping		

<b>WELL DATA</b>		
Well Depth <u>155</u>	Casing Diameter (In) <u>4"</u>	Casing Length (Ft) <u>145</u>
Type of Casing <u>PVC</u>	Hole Depth <u>155</u>	Depth to Static Water Level <u>80'</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>10</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

<b>SCREEN DATA</b>		
Diameter - Inches <u>4"</u>	Length - Feet <u>10'</u>	Slot Size - Inches <u>14 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>155'</u>	

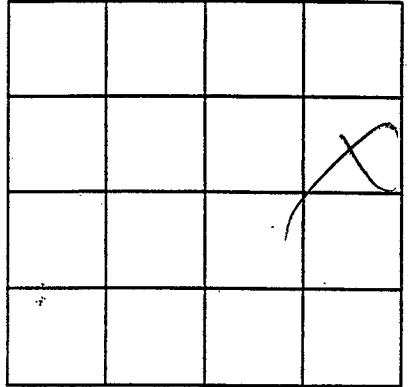
<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>		
<u>LEAN GRAVEL &amp; SAND</u>	<u>20</u>	<u>60</u>		
<u>WHITE CLAY</u>	<u>60</u>	<u>90</u>		
<u>WHITE SAND</u>	<u>90</u>	<u>155</u>		

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL



SECTION 0-24

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.