

**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>TALHE</u>	
WELL NUMBER <u>138</u>	CODED
E-2167	
DATE WELL COMPLETED <u>4-18-00</u>	

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

NAME & MAILING ADDRESS OF LANDOWNER <u>FLOWERS</u>			
<u>ANTIOCH RD</u>			
<u>COLUMBIA, MS.</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>D</u>	<u>T4</u>	<u>R6</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>7</u> Miles	<u>E</u>	<u>COLUMBIA</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>3/4</u>		
Pump Capacity (GPM) <u>122</u>	No of Stages <u>11</u>	Setting Depth <u>120</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>156</u>	Casing Diameter (In) <u>4"</u>	Casing Length (Ft) <u>146</u>
Type of Casing <u>PVC</u>	Hole Depth <u>156</u>	Depth to Static Water Level <u>100'</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): <u>Cement</u> , 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 TROUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>156</u>	

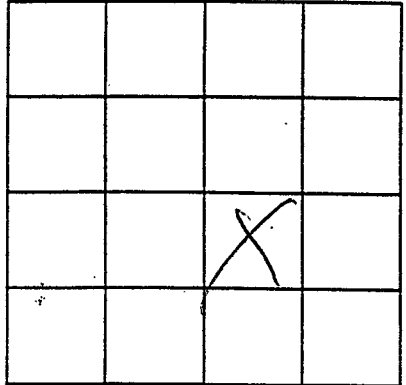
<b>GEOLOGIC DATA (Office Use Only)</b>			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
<b>RECEIVED</b>			
Top of Log Pipe or Reduction in Casing <u>100</u> FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS ENCOUNTERED	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>10</u>			
<u>BROWN CLAY</u>	<u>10</u>	<u>30</u>			
<u>RED SAND + GRAVEL</u>	<u>30</u>	<u>50</u>			
<u>WHITE CLAY</u>	<u>50</u>	<u>100</u>			
<u>WHITE CLAY + SAND</u>	<u>100</u>	<u>140</u>			
<u>WHITE SAND</u>	<u>140</u>	<u>156</u>			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION

D-31

Please indicate well location X.

ADDITIONAL INFORMATION

RECEIVED  
JUN 11 1964  
U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
WASHINGTON, D.C.

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