

**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>Lauderdale</u>	
WELL NUMBER <u>Q-2048</u>	CODED
DATE WELL COMPLETED <u>9-28-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Thompson Bros</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Sam Ballard</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<u>14</u>	<u>5</u> <u>N</u>	<u>14</u> <u>E</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>7</u> Miles	<u>SW</u>	of <u>Meridian</u>	
OTHER LANDMARK			
WELL PURPOSE Home <u>Irrigation</u> , Municipal, Industrial, Fish Pond, etc.			

PUMP DATA		
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>1</u>		
Pump Capacity (GPM) <u>10</u>	No. of Stages	Setting Depth <u>160</u> FT.
PUMP TEST		
Well yielded <u>25</u> GPM with a drawdown of <u>30</u> ft. after <u>airlift</u> hours of pumping		

WELL DATA		
Well Depth <u>240</u>	Casing Diameter (In.) <u>4</u>	Casing Length (Ft.) <u>220</u>
Type of Casing <u>PVC</u>	Hole Depth <u>245</u>	Depth to Static Water Level <u>133</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF <u>11</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>20</u>	Slot Size - Inches <u>.010</u>
Screen Type <u>PVC Slot</u>	Depth to Bottom - Feet <u>240</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
red sandy dirt	0	15	<div style="font-size: 2em; font-weight: bold; border: 1px solid black; padding: 5px; display: inline-block;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">NOV 03 2000</div>  <div style="font-size: 0.8em; margin-top: 20px;">Dept. of Environmental Quality Office of Land &amp; Water Resources</div>		
coarse sand	15	28			
yellow clay	28	35			
black clay	35	60			
rock	60	66			
Rock + clay strips	66	190			
sand	190	240			

IF MORE SPACE IS NEEDED, USE BACK