

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Benton</b>		PERMIT NUMBER
WELL NUMBER <b>L 38</b>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>LEEPER Drilling</b>
DATE WELL COMPLETED <b>MAY 1993</b>		<b>Pontatic</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**Jeff McMullen**  
**Rt 1**  
**Hickory Flat, MS**

WELL LOCATION: SEC **15** TOWNSHIP **4 N** RANGE **1 E**

DISTANCE **9** Miles **N** of **Hickory Flat**

OTHER LANDMARK  
**Able's STORE AREA**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Home**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible Turbine, Jet, Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P \_\_\_\_\_

Pump Capacity (GPM) <b>10</b>	No. of Stages <b>1</b>	Setting Depth <b>50</b> FT.
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PUMP TEST  
Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth <b>490'</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>260'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>490'</b>	Depth to Static Water Level <b>Flowing</b>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) \_\_\_\_\_

Top of Lap Pipe or Reduction in Casing  
FEET  IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log \_\_\_\_\_

**SCREEN DATA**

Diameter - Inches <b>2"</b>	Length - Feet <b>40'</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>Slotted PVC</b>	Depth to Bottom - Feet <b>490'</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks  
**Flowing well**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>TOP CLAY</b>	<b>0</b>	<b>20</b>			
<b>Red Sand</b>	<b>20</b>	<b>30</b>			
<b>White Clay</b>	<b>30</b>	<b>60</b>			
<b>Brown Sand</b>	<b>60</b>	<b>140</b>			
<b>BLACK CLAY</b>	<b>140</b>	<b>400</b>			
<b>CHALK</b>	<b>400</b>	<b>430</b>			
<b>Sand</b>	<b>430</b>	<b>490</b>			

**RECEIVED**

**MAY 13 1993**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK