

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>Benton</u>		PERMIT NUMBER
WELL NUMBER <u>P-17</u>	CODED	NAME OF DRILLING FIRM <u>Meill</u>
DATE WELL COMPLETED <u>10/16-01</u>		

NAME & MAILING ADDRESS OF LANDOWNER <u>Michael Lumpkin</u>			
WELL LOCATION <u>S T S S R 2 E</u>			
SEC	TOWNSHIP	RANGE	
	<u>S</u>	<u>W</u>	
DISTANCE	DIRECTION	NEAREST TOWN	
<u>4</u> Miles	<u>S. E.</u>	<u>Hickory, Ark</u>	
OTHER LANDMARK			
WELL PURPOSE: Home <input checked="" type="checkbox"/> Irrigation Municipal Industrial Fish Pond, etc			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Tractor <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane, Other (Describe) H/P		
Pump Capacity (GPM) <u>10</u>	No. of Stages <u>8</u>	Setting Depth ' FT. <u>140</u>
PUMP TEST		
Well yielded <u>10</u> GPM with a drawdown of <u>4</u> ft. after <u>6</u> hours of pumping		

WELL DATA		
Well Depth <u>380</u>	Casing Diameter (in) <u>4</u>	Casing Length (Ft) <u>360</u>
Type of Casing <u>PVC</u>	Hoie Depth <u>380</u>	Depth to Static Water Level <u>110</u>
TYPE OF COMPLETION (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed <input type="checkbox"/> Underreamed <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development <input type="checkbox"/> Open Hoie <input type="checkbox"/> Other (Describe)		

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

WELL GROUTED TO A DEPTH OF 12 FEET
Type Grout (circle one) Cement Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)			
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			

SCREEN DATA		
Diameter - Inches <u>4</u>	Length - Feet <u>20</u>	SLOT Size - Inches <u>0.13</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>360-380</u>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>top soil red clay</u>	<u>0</u>	<u>80</u>			
<u>Rock, Blue clay</u>	<u>80</u>	<u>350</u>			
<u>argilliferous</u>	<u>350</u>	<u>380</u>			

RECEIVED

JUN 24 2002

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IF MORE SPACE IS NEEDED USE BACK