

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 <u>Lauderdale</u>		PERMIT NUMBER
WELL NUMBER <u>2069</u>	CODED	NAME OF DRILLING FIRM <u>McDonald Hill</u>
DATE WELL COMPLETED <u>2/4/93</u>		<u>Mdn. Miss</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Morgan Nursery</u> <u>PO Box 246</u> <u>Toomsuca, MS</u>			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
<u>24</u>	<u>7</u>	<u>17</u>	<u>W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
<u>1</u> Miles	<u>NW</u>	of <u>Toomsuca</u>	
OTHER LANDMARK			
WELL PURPOSE: Home <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Municipal <input type="checkbox"/> Industrial <input type="checkbox"/> 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>30</u>	No. of Stages <u>13</u>	Setting Depth <u>167'</u> FT.
PUMP TEST		
Well yielded <u>35-45</u> GPM with a drawdown of <u>40</u> ft. after <u>3</u> hours of pumping		

WELL DATA		
Well Depth <u>322</u>	Casing Diameter (in.) <u>4"</u>	Casing Length (Ft.) <u>300'</u>
Type of Casing <u>PVC</u>	Hole Depth <u>322</u>	Depth to Static Water Level <u>120"</u>
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 <u>21 2' black</u> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

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	

SCREEN DATA		
Diameter - Inches <u>2"</u>	Length - Feet <u>20'</u>	Slot Size - Inches <u>12-10</u>
Screen Type <u>SS</u>	Depth to Bottom - Feet <u>322</u>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <u>pumped good</u> <u>1-2" back pressure valve</u> <u>L4 X 2 Rubber Seal</u>			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay sand</u>	<u>0</u>	<u>60</u>	RECEIVED MAR 03 1993 Dept. of Environmental Quality Office of Land & Water Resources		
<u>shale to sand</u>	<u>60</u>	<u>100</u>			
<u>shale</u>	<u>100</u>	<u>300</u>			
<u>Course sand</u>	<u>300</u>	<u>322</u>			

IF MORE SPACE IS NEEDED, USE BACK