

**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 <i>Lauderdale</i>		PERMIT NUMBER
WELL NUMBER <i>F 2040</i>	CODED	NAME OF DRILLING FIRM <i>McDonald &amp; Hill Inc</i>
DATE WELL COMPLETED <i>7/8/93</i>		<i>Meridian, Miss.</i>

NAME & MAILING ADDRESS OF LANDOWNER  
*Sandy Metrolis*  
*Pt # 1 Box 1*  
*Cellisville, ms*

WELL LOCATION: SEC *5* TOWNSHIP *7* RANGE *14*

DISTANCE *3* Miles DIRECTION *NW* of *Sugarcreek*

OTHER LANDMARK

WELL PURPOSE: *None* Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**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)	No. of Stages	Setting Depth	FT.
<i>8</i>	<i>13</i>	<i>180</i>	

PUMP TEST

Well yielded *20* GPM with a drawdown of *20* ft. after *3* hours of pumping

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<i>460'</i>	<i>4"</i>	<i>308'</i>
Type of Casing	Hole Depth	Depth to Static Water Level
<i>PVC</i>	<i>460</i>	<i>150'</i>

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

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks

**SCREEN DATA**

Diameter - Inches	Length - Feet	Slot Size - Inches
Screen Type	Depth to Bottom - Feet	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<i>Clay &amp; sand</i>	<i>0</i>	<i>10</i>	<i>Shale</i>	<i>430</i>	<i>450</i>
<i>Shale</i>	<i>10</i>	<i>40</i>	<i>sandy shale</i>	<i>450</i>	<i>460</i>
<i>Clay &amp; sand</i>	<i>40</i>	<i>117</i>			
<i>Shale sandy st</i>	<i>117</i>	<i>140</i>			
<i>Shale</i>	<i>140</i>	<i>175</i>			
<i>Sandy shale</i>	<i>175</i>	<i>205</i>			
<i>Shale</i>	<i>205</i>	<i>340</i>			
<i>Sandy shale</i>	<i>340</i>	<i>350</i>			
<i>fine sand</i>	<i>350</i>	<i>385</i>			
<i>Shale</i>	<i>385</i>	<i>420</i>			
<i>Sandy shale</i>	<i>420</i>	<i>430</i>			

RECEIVED  
JUL 28 1993

IF MORE SPACE IS NEEDED, USE BACK