

**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  
Lauderdale

WELL NUMBER CODED  
P 2080

DATE WELL COMPLETED  
2/20/97

PERMIT NUMBER

NAME OF DRILLING FIRM  
McDonald & Hill Inc  
Madu, Miss.

NAME & MAILING ADDRESS OF LANDOWNER  
Sammy Culpepper  
3641 - Liberty Ch. Rd.  
Jackson, Miss 39364

WELL LOCATION SEC TOWNSHIP RANGE  
76 6 S 16 W

DISTANCE DIRECTION NEAREST TOWN  
12.5 Miles S-SE of Madu

OTHER LANDMARK

WELL PURPOSE  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) 3/4 H/P \_\_\_\_\_

Pump Capacity (GPM)	No. of Stages	Setting Depth
<u>8</u>	<u>14</u>	<u>220</u> FT.

PUMP TEST

Well yielded 20 GPM with  
a drawdown of 30 ft.  
after 3 hours of pumping

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<u>330</u>	<u>4"</u>	<u>285'</u>
Type of Casing	Hole Depth	Depth to Static Water Level
<u>PUC</u>		<u>182'</u>

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

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

**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	Length - Feet	Slot Size - Inches
<u>2"</u>	<u>10'</u>	<u>10 slot</u>
Screen Type	Depth to Bottom - Feet	
<u>PUC</u>		

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
1-2" back pressure valve  
1-4x2 Rubber seal  
Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Clay</u>	<u>0</u>	<u>10</u>	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">MAR 07 1997</div> <div style="font-size: 0.8em; margin-top: 10px;">Dept. of Environmental Quality Office of Land &amp; Water Resources</div>		
<del>Shale</del>					
<del>Shale</del>					
<u>Shale</u>	<u>10</u>	<u>40</u>			
<u>St Sand</u>	<u>40</u>	<u>65</u>			
<u>Shale</u>	<u>65</u>	<u>230</u>			
<u>St sandy shale</u>	<u>230</u>	<u>270</u>			
<u>Shale</u>	<u>270</u>	<u>312</u>			
<u>Rock</u>	<u>312</u>	<u>313</u>			
<u>#10 Sand</u>	<u>313</u>	<u>330</u>			

IF MORE SPACE IS NEEDED, USE BACK