

**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  
*F 2047*

DATE WELL COMPLETED  
*2/27/97*

PERMIT NUMBER

NAME OF DRILLING FIRM  
*McDonald & Hill Inc.*

*Mbr. Miss.*

NAME & MAILING ADDRESS OF LANDOWNER  
*Harold Blackman*

*11507 Hwy 694*

*Collinville, MS*

WELL LOCATION  
SEC *14* TOWNSHIP *7<sup>N</sup>* RANGE *14<sup>E</sup>*

DISTANCE *3/4* Miles DIRECTION *W* of NEAREST TOWN *Lugawana*

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) *8* No. of Stages *14* Setting Depth *120* FT.

PUMP TEST

Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth *215* Casing Diameter (In.) *4"* Casing Length (Ft.) *170'*

Type of Casing *PUC* Hole Depth *162'* Depth to Static Water Level \_\_\_\_\_

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 *2"* Length - Feet *40'* Slot Size - Inches *8 Slot*

Screen Type *PUC* Depth to Bottom - Feet *215'*

**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
<i>Clay &amp; sand</i>	<i>0</i>	<i>14</i>
<i>Shale</i>	<i>14</i>	<i>50</i>
<i>Sandy Shale</i>	<i>50</i>	<i>60</i>
<i>Shale</i>	<i>60</i>	<i>175</i>
<i>St fine sand</i>	<i>175</i>	<i>215</i>

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>MAR 07 1997</b>		
Dept. of Environmental Quality Office of Land & Water Resources		

IF MORE SPACE IS NEEDED, USE BACK