

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**  
Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED  
**Lauderdale**

WELL NUMBER **R 2069** CODED

PERMIT NUMBER

NAME OF DRILLING FIRM  
**Mc Donald + Hill**

DATE WELL COMPLETED  
**10/5/90**

NAME & MAILING ADDRESS OF LANDOWNER  
**Willie Barney**

**Rt #1 Box 92**  
**Toomsburg, MS**

WELL LOCATION: SEC **35** TOWNSHIP **87** RANGE **18**

DISTANCE **1** Miles **SE** of **Koussance**

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) **H/P 42**

Pump Capacity (GPM) **5** No. of Stages **13** Setting Depth **180** FT.

PUMPTEST  
Well yielded **20** GPM with  
a drawdown of **25'** ft.  
after **2** hours of pumping

**WELL DATA**

Well Depth **235'** Casing Diameter (In.) **4"** Casing Length (Ft.) **225'**

Type of Casing **PVC** Hole Depth **154'** Depth to Static Water Level

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

**SCREEN DATA**

Diameter - Inches **4"** Length - Feet **10'** Slot Size - Inches **1/4" slot**

Screen Type **PVC** Depth to Bottom - Feet **735'**

**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  
**1-2" back pressure valve**  
**1-4x2 PVC bushing**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION ENCOUNTERED	FROM	TO
<b>Clay + sand</b>	<b>0</b>	<b>30</b>	<b>RECEIVED</b>  NOV 05 1990  Department of Natural Resources Bureau of Land & Water Resources		
<b>Shale</b>	<b>30</b>	<b>48</b>			
<b>Clay + sand</b>	<b>48</b>	<b>60</b>			
<b>Shale</b>	<b>60</b>	<b>90</b>			
<b>Clay + sand</b>	<b>90</b>	<b>105</b>			
<b>Shale</b>	<b>105</b>	<b>145</b>			
<b>St fine sand</b>	<b>145</b>	<b>200</b>			
<b>Course sand</b>	<b>200</b>	<b>235</b>			

IF MORE SPACE IS NEEDED, USE BACK