

**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  
**LEAK 9**

WELL NUMBER **2045** CODED

DATE WELL COMPLETED  
**1-28-96**

PERMIT NUMBER

NAME OF DRILLING FIRM  
**Thomas Drilling**

NAME & MAILING ADDRESS OF LANDOWNER  
**BRYAN BURNS**  
**Rt 7**  
**CARTHAGE MS 39057**

WELL LOCATION SEC **17** TOWNSHIP **12 N** RANGE **8 W**

DISTANCE **2 1/2** Miles DIRECTION **E** of NEAREST TOWN **SINGLETON**

OTHER LANDMARK  
**1 1/2 miles S of BARNES**

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Chicken Houses**

**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.
<b>27</b>	<b>11</b>	<b>120</b>	

PUMP TEST

Well yielded **27** GPM with  
a drawdown of **.30** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>280'</b>	<b>4"</b>	<b>270'</b>
Type of Casing	Hole Depth	Depth to Static Water Level
<b>PVC</b>	<b>280'</b>	<b>60'</b>

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

WELL GROUTED TO A DEPTH OF **10** 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

**GEOLOGIC DATA (Office Use Only)**

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

**SCREEN DATA**

Diameter - Inches	Length - Feet	Slot Size - Inches
<b>4</b>	<b>10</b>	<b>.010</b>
Screen Type	Depth to Bottom - Feet	
<b>PVC WRAP</b>	<b>280</b>	

Driller's Remarks

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
<b>Dirt</b>	<b>0</b>	<b>3</b>			
<b>Clay</b>	<b>3</b>	<b>12</b>			
<b>Sand</b>	<b>12</b>	<b>14</b>			
<b>Clay</b>	<b>14</b>	<b>30</b>			
<b>Sand</b>	<b>30</b>	<b>98</b>			
<b>Tannish Clay</b>	<b>98</b>	<b>135</b>			
<b>Grayish Clay</b>	<b>135</b>	<b>145</b>			
<b>Green Sand</b>	<b>145</b>	<b>220</b>			
<b>White Sand</b>	<b>220</b>	<b>280</b>			

**RECEIVED**

**APR 18 1996**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK