

**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...  
**Leake**

WELL NUMBER  
**D-2042**

DATE WELL COMPLETED  
**10-25-96**

PERMIT NUMBER

NAME OF DRILLING FIRM  
**Thomas Drilling**

NAME & MAILING ADDRESS OF LANDOWNER  
**M. D. Burns**

WELL LOCATION SEC TOWNSHIP RANGE  
**D 31 12 @ 9 E W**

DISTANCE DIRECTION NEAREST TOWN  
**2 Miles SE of Renfro**

OTHER LANDMARK  
**4 M South Home Br.**

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

**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  
**6 2 120 FT.**

PUMP TEST  
Well yielded **4** GPM with  
a drawdown of **10** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>205</b>	Casing Diameter (In.) <b>2"</b>	Casing Length (Ft.) <b>195</b>
Type of Casing <b>PVC</b>	Hole Depth <b>223</b>	Depth to Static Water Level <b>110</b>

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

WELL GROUTED TO A DEPTH OF **10** FEET  
Type Grout (circle one):  Cement,  Bentonite,  Mix

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log

**SCREEN DATA**

Diameter - Inches <b>2"</b>	Length - Feet <b>10</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>PVC Sanded</b>	Depth to Bottom - Feet <b>205</b>	

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
**Drill in one Day or it will cave**

Top of Lap Pipe or Reduction in Casing

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)	FROM		TO	
Good White Sand	0	50	Rack	131	132				
Clay w/ silt Sand	50	60	Green Sand	132	155				
Gray Clay	60	97	Gray Sand	155	173				
Thin Rock	97	99	Better Gray Sand	173	177				
Gray Clay	99	100	Hard Clay	177	179				
Rock	100	102	Gray Sand	179	206				
Gray Clay	102	108	" Clay	206	219				
Gray sand & shale	108	112	Gray Sand	219	220				
Rock	112	113	Clay with silt. Sand	220	223				
Green Sand	113	131							

IF MORE SPACE IS NEEDED, USE BACK