

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**Resources**

**RECEIVED**

Box 10631  
 Jackson, MS 39289-0631

WELL LOCATED  
**UMPHREYS**  
 NUMBER **2005** CODED

PERMIT NUMBER  
 NAME OF DRILLING FIRM  
**Layne-Central, a div. of**  
**Layne Christensen Company**

WATERWELL DRILLERS LOG

WELL COMPLETED  
**9/18/99**

NAME & MAILING ADDRESS OF LANDOWNER  
**Shaw Plantation**  
**/o Farmer's National Company**  
**85 German Oak Drive, Suite 3**

WELL LOCATION  
 SEC **17** TOWNSHIP **N** RANGE **3** W  
 DISTANCE **5** Miles DIRECTION **East** of NEAREST TOWN **Louise**

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

**PUMP DATA**  
 Dept. of Environmental Quality  
 Office of Land & Water Resources  
 PUMP TYPE (Circle One): Flowing Well  
 Submersible, Other (Describe)  
 POWER TYPE (Circle One): Diesel Gasoline, Butane.  
 Electric, Tractor, Other (Describe) H/P  
 Pump Capacity (GPM) **2500** No of Stages **1** Setting Depth **60** FT.

**PUMP TEST**  
 Well yielded Not Tested GPM with  
 a drawdown of \_\_\_\_\_ ft.  
 after \_\_\_\_\_ hours of pumping

**WELL DATA**  
 Well Depth **126'** Casing Diameter (in) **16"** Casing Length (ft) **76'**  
 Type of Casing **PVC** Hole Depth **126'** Depth to Static Water Level **30'3"**

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped, Other  
 Natural Development, Open Hole.  
 WELL GROUTED TO A DEPTH OF **10** FEET  
 Type Grout (circle one): Cement, Bentonite, or Mix

**SCREEN DATA**  
 Diameter - inches **16"** Length - Feet **50'** Slot Size - Inches **.050**  
 Screen Type **PVC** Depth to Bottom - Feet **126'**

**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  
 Top of Lap Pipe or Reduction in Casing  
 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)		FROM	TO
	FROM	TO		
Clay	0	13		
Clay, Coarse Sand	13	23		
Coarse Sand	23	33		
Coarse Sand, Borderline Sand	33	43		
Coarse Sand	43	73		
Coarse Sand, Pea Gravel	73	126		

IF MORE SPACE IS NEEDED, USE BACK