

**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 <b>Sunflower</b>	
WELL NUMBER <b>J-88</b>	CODED
DATE WELL COMPLETED <b>5/22/00</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Layne-Central, a div. of</b> <b>Layne Christensen Co.</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Lyons Brothers Farms</b>			
<b>414 Stephen-Lyon Road</b>			
<b>Shaw, MS 38773</b>			
WELL LOCATION	SEC <b>13</b>	TOWNSHIP <b>20</b>	RANGE <b>5</b>
DISTANCE <b>5</b> Miles	DIRECTION <b>SE</b>	NEAREST TOWN <b>Shaw</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, <u>Irrigation</u> , Municipal, Industrial, Fish-Pond, etc. <b>irrigation</b>			

<b>PUMP DATA</b> repaired		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, <u>Diesel</u> , Gasoline, Butane, Other (Describe) H/P		
Pump Capacity (GPM) <b>1800</b>	No. of Stages <b>1</b>	Setting Depth <b>80</b> FT.
PUMP TEST Well yielded <u>not tested</u> GPM with a drawdown of _____ ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>123'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Ft.) <b>73'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>123'</b>	Depth to Static Water Level <b>36' 2"</b>

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): Electric, Gamma Ray, Density, Sonic, <u>No Log Run</u> , Other (Describe) <u>Neutron</u>	
Name of Organization Running Log	

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

<b>GEOLOGIC DATA (Office Use Only)</b>			
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			
<b>FEET</b>		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

<b>SCREEN DATA</b>		
Diameter - Inches <b>16"</b>	Length - Feet <b>50'</b>	Slot Size - Inches <b>.050</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>123'</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	10	Coarse Sand	90	100
Clay	10	15	Coarse Sand	100	110
Fine Sand	15	20	Coarse Sand	110	123
Fine Sand, Clay Stks	20	30			
Fine Sand, Clay Stks	30	40			
Fine Sand	40	50			
Fine Sand	50	54			
Coarse Sand	54	60			
Coarse Sand	60	70			
Coarse Sand	70	80			
Coarse Sand	80	90			

**RECEIVED**  
NOV 14 2000

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