

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

COUNTY WELL LOCATED <b>Sunflower</b>	
WELL NUMBER <b>2020</b>	CODED
DATE WELL COMPLETED <b>2/4/99</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Layne-Central, a division of Layne Christensen Company</b>

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

NAME & MAILING ADDRESS OF LANDOWNER <b>James King Farm</b>			
<b>335 Highway 442</b>			
<b>Shaw, MS 38773</b>			
WELL LOCATION:	SEC <b>2</b>	TOWNSHIP <b>20</b>	RANGE <b>5</b>
DISTANCE <b>4</b> Miles	DIRECTION <b>East</b>	NEAREST TOWN <b>Shaw</b>	
OTHER LANDMARK			
WELL PURPOSE: Home, <b>Irrigation</b> , Municipal, Industrial, Fish Pond, etc. <b>Irrigation</b>			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <b>Turbine</b> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, <b>Diesel</b> , Gasoline, Butane, Other (Describe) H/P		
Pump Capacity (GPM) <b>2000</b>	No. of Stages <b>1</b>	Setting Depth <b>60</b> FT.
PUMP TEST Well yielded <b>Not Tested</b> GPM with a drawdown of _____ ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>118'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Fl.) <b>78'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>120'</b>	Depth to Static Water Level <b>42'</b>
TYPE OF COMPLETION: (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF <b>10</b> FEET Type Grout (circle one) <b>Cement</b> , Bentonite, or Mix		

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

<b>SCREEN DATA</b>		
Diameter - Inches <b>16"</b>	Length - Feet <b>40'</b>	Slot Size - Inches <b>.032</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>118'</b>	

<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			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	33
Clay, Borderline Sand	33	43
Coarse Sand	43	93
Coarse Sand, Gravel	93	120

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>APR 05 1999</b>		
Dept. of Environmental Quality Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK		

