

**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>N 2043</b>	CODED
DATE WELL COMPLETED <b>12-7-99</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Irrigation Equipment Inc.</b>
<b>Indianola, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>John Mayer</b>				
<b>1457 Deatsville Road</b>				
<b>Cox's Creek, KY 40013</b>				
WELL LOCATION: SW/SW	SECTION: <b>7</b>	TOWNSHIP: <b>19N</b>	RANGE: <b>4W</b>	E/W
DISTANCE: <b>4</b> Miles.	DIRECTION: <b>North</b>	NEAREST TOWN: <b>Indianola</b>		
OTHER LANDMARK:				
WELL PURPOSE: Home, Irrigation, 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) <b>H/P - 60</b>		
Pump Capacity (GPM): <b>2500</b>	No. of Stages: <b>1</b>	Setting Depth: <b>70 FT.</b>
PUMP TEST: Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

<b>WELL DATA</b>		
Well Depth: <b>128</b>	Casing Diameter (In.): <b>16</b>	Casing Length (Ft.): <b>88</b>
Type of Casing: <b>PVC</b>	Hole Depth: <b>128</b>	Depth to Static Water Level: <b>34ft.</b>
TYPE OF COMPLETION (Circle One or More): <b>Gravel Packed</b> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): Electric, Gamma-Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log	

WELL GROUTED TO A DEPTH OF \_\_\_\_\_ FEET  
Type Grout (circle one): Cement, 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

<b>SCREEN DATA</b>		
Diameter - Inches: <b>16</b>	Length - Feet: <b>40</b>	Slot Size - Inches: <b>.050</b>
Screen Type: <b>PVC</b>	Depth to Bottom - Feet: <b>128</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
<b>Clay</b>	<b>0</b>	<b>20</b>
<b>Fine Sand</b>	<b>20</b>	<b>48</b>
<b>Fine Sand &amp; Gravel</b>	<b>48</b>	<b>68</b>
<b>Med. Sand &amp; Gravel</b>	<b>68</b>	<b>85</b>
<b>Fine Sand</b>	<b>85</b>	<b>94</b>
<b>Med. Sand &amp; Gravel</b>	<b>94</b>	<b>108</b>
<b>Fine Sand</b>	<b>108</b>	<b>114</b>
<b>Med. Sand &amp; Gravel</b>	<b>114</b>	<b>128</b>

FORMATIONS (Continued)	FROM	TO

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.