

**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>Humphreys</b>	
WELL NUMBER <b>K-43</b>	CODED
DATE WELL COMPLETED <b>9-22-00</b>	

PERMIT NUMBER <b>MS-CW-38561</b>
NAME OF DRILLING FIRM <b>Irrigation Equipment Inc.</b>
<b>Indianola, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER			
<b>S.U. Smith Planting</b>			
<b>Box 265</b>			
<b>Louise, MS 39097</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<b>sw/sw</b>	<b>26</b>	<b>13N S</b>	<b>4W W</b>
DISTANCE	DIRECTION		NEAREST TOWN
<b>3</b>	<b>South</b>		<b>Louise</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): <b>Electric</b> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <b>H/P 60</b>		
Pump Capacity (GPM) <b>2500 to 3000</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>115</b>	Casing Diameter (In.) <b>16</b>	Casing Length (Ft.) <b>75</b>
Type of Casing <b>pvc</b>	Hole Depth <b>115</b>	Depth to Static Water Level <b>25ft.</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 _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): No Log Run, 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>.050</b>
Screen Type <b>pvc</b>	Depth to Bottom - Feet <b>115</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			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS IS NOTED	FROM	TO
<b>clay</b>	<b>0</b>	<b>25</b>	<b>RECEIVED</b> <b>MAR 12 2001</b>  Dept. of Environmental Quality Office of Land & Water Resources		
<b>fine sand</b>	<b>25</b>	<b>35</b>			
<b>fine sand &amp; gravel</b>	<b>35</b>	<b>45</b>			
<b>med. sand &amp; gravel</b>	<b>45</b>	<b>115</b>			

IF MORE SPACE IS NEEDED, USE BACK