

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 <u>LeFlore</u>	
WELL NUMBER <u>D-106</u>	CODED
DATE WELL COMPLETED <u>5-24-00</u>	

PERMIT NUMBER
NAME OF DRILLING FIRM <u>Irrigation Equipment</u> <u>Indianola, MS 38751</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Tupelo Plantation</u> <u>49665 County Rd. 559</u> <u>Schlater, MS 38752</u>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<u>W/NE 13</u>	<u>21</u>	<u>N</u> <u>S</u>	<u>1</u> <u>W</u>
DISTANCE <u>4</u> Miles	DIRECTION <u>EAST</u>	NEAREST TOWN <u>Sunnyside</u>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Irrigation</u>			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <u>H/P 60</u>		
Pump Capacity (GPM) <u>2500 to 3000</u>	No of Stages <u>1</u>	Setting Depth <u>70 FT.</u>
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth <u>106</u>	Casing Diameter (In.) <u>16</u>	Casing Length (Ft.) <u>66</u>
Type of Casing <u>PUC</u>	Hole Depth <u>106</u>	Depth to Static Water Level <u>21 ft.</u>
TYPE OF COMPLETION (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		

LOG DATA	
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

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - inches <u>16</u>	Length - Feet <u>40</u>	Slot Size - inches <u>.050</u>
Screen Type <u>PUC</u>	Depth to Bottom - Feet <u>106</u>	

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 (continued) FROM TO
<u>Clay</u>	<u>0</u>	<u>25</u>	
<u>Fine Sand</u>	<u>25</u>	<u>45</u>	
<u>Fine Sand + Gravel</u>	<u>45</u>	<u>61</u>	
<u>Med. Sand + Gravel</u>	<u>61</u>	<u>106</u>	

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IF MORE SPACE IS NEEDED, USE BACK

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311
LECTURE 10