

**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 Sharkey	
WELL NUMBER A-99	CODED
DATE WELL COMPLETED 10-21-00	

PERMIT NUMBER
NAME OF DRILLING FIRM Irrigation Equipment Inc.
Indianola, MS

NAME & MAILING ADDRESS OF LANDOWNER Bruton Farms			
Box 522			
Hollandale, MS 38748			
WELL LOCATION NE/NE	SEC 29	TOWNSHIP 14N	RANGE 6W
DISTANCE 5 Miles		DIRECTION SW	NEAREST TOWN Delta City
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Irrigation Pivot			

PUMP DATA			
PUMP TYPE (Circle One): Submersible, Turbine , Jet, Flowing Well, Other (Describe)			
POWER TYPE (Circle One): Electric, Tractor, Diesel , Gasoline, Butane, Other (Describe) H/P 110			
Pump Capacity (GPM) 1500	No of Stages 4	Setting Depth 60	FT.
PUMP TEST			
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping			

WELL DATA		
Well Depth 115	Casing Diameter (In) 16	Casing Length (Ft) 75
Type of Casing PVC	Hoie Depth 115	Depth to Static Water Level 24ft.

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

TYPE OF COMPLETION (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hoie, Other (Describe)			
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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
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

SCREEN DATA		
Diameter - inches 16	Length - Feet 40	Slot Size - inches .050
Screen Type PVC	Depth to Bottom - Feet 115	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	35
Fine Sand	35	73
Med. Sand & Gravel	73	115

FORMATIONS (Continued)			
DEC 11 2000			
Dept. of Environmental Quality Office of Land & Water Resources			
IF MORE SPACE IS NEEDED USE BACK			

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311
LECTURE 10