

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 Sunflower	
WELL NUMBER R45	CODED
DATE WELL COMPLETED 1-26-00	

PERMIT NUMBER GW38153
NAME OF DRILLING FIRM Irrigation Equipment Inc.
Indianola, MS

NAME & MAILING ADDRESS OF LANDOWNER R.N. Barrett		
100 Park Ave.		
Indianola, MS 38751		
WELL LOCATION SE/NE	SEC. 5	TOWNSHIP 20N N S 4W E W
DISTANCE Miles	DIRECTION West	NEAREST TOWN Steiner
OTHER LANDMARK		
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Irrigation		

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 30		
Pump Capacity (GPM) 1300	No. of Stages 1	Setting Depth 70 FT.
PUMP TEST Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth 137	Casing Diameter (In.) 10	Casing Length (Ft.) 97
Type of Casing PVC	Hole Depth 137	Depth to Static Water Level 48ft.

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

TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open-Hole, Other (Describe)		
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			

SCREEN DATA		
Diameter - Inches 10	Length - Feet 40	Slot Size - Inches .050
Screen Type PVC	Depth to Bottom - Feet 137	

Top of Lap Pipe or Reduction in Casing FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE
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DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Clay	0	20
Fine Sand	20	50
Fine Sand & Gravel	50	71
Med. Sand & Gravel	71	85
Fine Sand	85	95
Med. Sand & Gravel	95	137

FORMATIONS (Continued)	FROM	TO
Dept. of Environmental Quality		
Office of Land & Water Resources		
IF MORE SPACE IS NEEDED, USE BACK.		

RECEIVED
FEB 16 2000

If well telescopes please
sketch and show depths.

GROUND LEVEL

			X

SECTION 5

Please indicate well location X.

ADDITIONAL INFORMATION

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