

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 DESOTO	
WELL NUMBER 113	CODED
02038	
DATE WELL COMPLETED 11-8-99	

PERMIT NUMBER
NAME OF DRILLING FIRM SMITH WELL DRILLING & SEW.

NAME & MAILING ADDRESS OF LANDOWNER LEE HEFNER			
BAPTIST RD			
NESSIT MS			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	J-20	T-2	R-7
DISTANCE	DIRECTION	NEAREST TOWN	
4 Miles	E	NESSIT	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Home			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____		
Pump Capacity (GPM) 17	No of Stages 14	Setting Depth 120 FT.
PUMP TEST		
Well yielded 20 GPM with a drawdown of 2 ft. after 1 hours of pumping		

WELL DATA		
Well Depth 200	Casing Diameter (in.) 4"	Casing Length (ft.) 190'
Type of Casing PVC	Hole Depth 200	Depth to Static Water Level 100
TYPE OF COMPLETION (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) Washed Sand		
WELL GROUTED TO A DEPTH OF 10 FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input type="checkbox"/> No Log Run, <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

SCREEN DATA		
Diameter - inches 4"	Length - Feet 10	Slot Size - inches 14 THOUS
Screen Type PVC	Depth to Bottom - Feet 200'	

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			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
TOP SOIL	0	20		
RED SAND + CLAY	20	50		
GREY + WHITE CLAY	50	140		
WHITE SAND	140	200		

IF MORE SPACE IS NEEDED, USE BACK