

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 BENTON		PERMIT NUMBER
WELL NUMBER P 2018	CODED	NAME OF DRILLING FIRM Muck
DATE WELL COMPLETED 8-29-98		

NAME & MAILING ADDRESS OF LANDOWNER Carl Graves Hickory Flat			
WELL LOCATION	SEC 16 S	TOWNSHIP 0 N	RANGE 20 W
DISTANCE 6 Miles	DIRECTION E	NEAREST TOWN Hickory Flat	
OTHER LANDMARK Flat Rock Baptist Ch.			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc			

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) H/P		
Pump Capacity (GPM) 10	No. of Stages	Setting Depth 220 FT.
PUMP TEST		
Well yielded 10 GPM with a drawdown of 8 ft. after 10 hours of pumping		

WELL DATA		
Well Depth 630	Casing Diameter (In.) 4"	Casing Length (Ft.) 340
Type of Casing PVC	Hole Depth 340	Depth to Static Water Level 180'
TYPE OF COMPLETION: (Circle One or More): <input type="radio"/> Gravel Packed, <input type="radio"/> Underreamed, <input checked="" type="radio"/> Telescoped, <input type="radio"/> Natural Development, <input type="radio"/> Open Hole, <input type="radio"/> Other (Describe)		
WELL GROUTED TO A DEPTH OF 15 FEET Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches 2"	Length - Feet 60	Slot Size - Inches 013
Screen Type PVC	Depth to Bottom - Feet 570-630	

GEOLOGIC LOG (Use only)		
Surface Elevation	Depth to Top	
Subs. SW	Analysis	Log Test
Driller's Remarks MAY 28 1999		
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Top of Lap	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	
FEET		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
top soil,	0	210	shale rock	400	630
mineral aquifer			aquifer		
sand rock			sand.		
red clay	210	400			
blue clay					
small rock					

IF MORE SPACE IS NEEDED, USE BACK