

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 DE SOTO	
WELL NUMBER 123	CODED
DATE WELL COMPLETED M-2158 7-15-00	

PERMIT NUMBER
NAME OF DRILLING FIRM SMITH WELL DRILLING + SERVICE

NAME & MAILING ADDRESS OF LANDOWNER FREDDIE ROBERTS SMITH RD			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	P-30	T3	R-6
DISTANCE	DIRECTION	NEAREST TOWN	
10 Miles	SE	HERNANDO	
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) _____ H/P 1		
Pump Capacity (GPM)	No. of Stages	Setting Depth
12	12	140 FT.
PUMP TEST		
Well yielded 15 GPM with a drawdown of 6 ft. after 2 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
180'	4"	160'
Type of Casing	Hole Depth	Depth to Static Water Level
PVC	180'	120
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	

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

Driller's Remarks
RECEIVED
Top of Lap Pipe or Reduction in Casing
FEET <input type="checkbox"/> IF TELESCOPED OR MORE THAN ONE SCREEN USE BACK PAGE

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
4"	20'	1/4 INVS.
Screen Type	Depth to Bottom - Feet	
PVC	180	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP SOIL	0	10	Dept. of Environmental Quality Office of Land & Water Resources		
BROWN CLAY	10	30			
GRAVEL	30	60			
WHITE CLAY	60	100			
WHITE SANDY CLAY	100	180			

11 ft. SHOW

IF MORE SPACE IS NEEDED, USE BACK PAGE