

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 Lamar	
WELL NUMBER E-238	CODED
DATE WELL COMPLETED 10/15/99	

PERMIT NUMBER MS-GW-15459
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER North Lamar Water Association			
4906 Old Highway 11, Suite 8			
Hattiesburg, MS 39402			
WELL LOCATION	SEC	TOWNSHIP	RANGE
SE 1/4 SW 1/4	16	4N	14W
DISTANCE	DIRECTION	NEAREST TOWN	
--	Miles	--	of Hattiesburg
OTHER LANDMARK Adjacent to new Oak Grove High School			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc Rural Water Association			

PUMP DATA		
PUMP TYPE:		
Submersible <input type="checkbox"/>	Turbine <input checked="" type="checkbox"/>	Jet Flowing Well <input type="checkbox"/>
Other (Describe)		
POWER TYPE:		
Diesel <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>	Tractor <input type="checkbox"/>
	Gasoline <input type="checkbox"/>	Butane <input type="checkbox"/>
Other (Describe)		
Pump Capacity (GPM)	No. Of Stages	Setting Depth
500	14	410 FT.
PUMP TEST		
Well yielded 500 GPM with		
a drawdown of 45 ft.		
after 6 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1270'	12"	1215'
Type of Casing	Hole Depth	Depth of Static Water Level
Steel	1270'	320'
TYPE OF COMPLETION		
Underreamed <input checked="" type="checkbox"/>	Telescoped <input type="checkbox"/>	Open Hole <input type="checkbox"/>
Natural Development <input type="checkbox"/>	Other (Describe)	
WELL GROUTED TO A DEPTH OF 1215' FEET		
TYPE GROUT		
Cement <input checked="" type="checkbox"/>	Bentonite <input type="checkbox"/>	Mix <input type="checkbox"/>

LOG DATA			
TYPE OF LOG RUN			
Electric <input checked="" type="checkbox"/>	Gamma Ray <input type="checkbox"/>	No Log Run <input type="checkbox"/>	Density <input type="checkbox"/>
Sonic <input type="checkbox"/>	Neutron <input type="checkbox"/>		
Other (Describe)			
Name of Organization Running Log Mississippi Department of Geology			

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8"	40'	0.020"
Screen Type	Depth to Bottom - Feet	
Stainless Steel	5'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks Casing was epoxy coated			
Top of Lap Pipe or Reduction in Casing 1155		IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE. FEET	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	5	Sand, Limestone & Clay Streaks	1040	1,270
Sand	5	170	Clay	1270	1,410
Clay	170	260			
Sand	260	268			
Clay	268	330			
Sand	330	415			
Clay	415	450			
Sand	450	775			
Clay	775	880			
Sand	880	915			
Clay	915	960			
Sand	960	1035			
Clay	1035	1040			

RECEIVED
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Dept. of Environmental Quality
Office of Land & Water Resources