

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 4 E 23	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 6/14/97	

PERMIT NUMBER MSGW-15207
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER Lamar Park Water & Sewer			
2137 Oak Grove Road			
Hattiesburg, MS 39402			
WELL LOCATION NW/SW	SEC 14	TOWNSHIP 4	RANGE 14 E
DISTANCE	DIRECTION	NEAREST TOWN	
Miles	of		
OTHER LANDMARK Off Hartfield Road at Stand			
Pipe Tank			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

PUMP DATA		
PUMP TYPE (Circle One): Submersible Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 60		
Pump Capacity (GPM) 500	No. of Stages 9	Setting Depth 330 FT.
PUMP TEST		
Well yielded 577 GPM with a drawdown of 88 ft. after 4 hours of pumping		

WELL DATA		
Well Depth 1178'	Casing Diameter (In.) 20"	Casing Length (Ft.) 98'
Type of Casing Epoxy Coated	Hole Depth 1178'	Depth to Static Water Level 213'
TYPE OF COMPLETION: (Circle One or More): Gravel Packer , Underreamed , Telescoped, Natural Development, Open Hole, Other		
WELL GROUTED TO A DEPTH OF 1111 FEET Type Grout (circle one): Cement , Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): Electric , Gamma Ray , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Layne Central	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 34'	Slot Size - Inches 20 slot
Screen Type Stainless Steel	Depth to Bottom - Feet 1178'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs SWL	Date	Analysis	Aquifer Test
Driller's Remarks 10 26 97 9:40 PM			
Top of Lap Pipe or Reduction in Casing 1038 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Sandy Clay	0	15	Clay	730	785
Sand & Gravel	15	35	Sand	785	944
Yellow Clay	35	87	Sand & Clay Streaks	944	987
Blue Clay	87	210	Lime & Clay Streaks	987	1108
Sand	210	240	Clay	1108	1130
Sand & Gravel	240	272	Clay & Sand Streaks	1130	1150
Clay	272	335	Sand	1150	1185
Sand & Gravel	335	490	Clay	1185	1215
Sand	490	665	Hard Lime & Clay	1215	1276
Sand & Gravel	665	730			
IF MORE SPACE IS NEEDED, USE BACK					