

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 Smith	
WELL NUMBER 5	CODED 24
DATE WELL COMPLETED 10/28/97	

PERMIT NUMBER MS-GW-15264
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER Lorena-Lemon-Burns Water Assoc.			
Route 2, Box 715			
Forest, MS 39074			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	29	4	N 8 E
		XS	W
DISTANCE	DIRECTION		NEAREST TOWN
	Miles		of
OTHER LANDMARK Hwy. 35; approx 5			
miles into Smith County			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Rural Water Association			

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 30		
Pump Capacity (GPM)	No. of Stages	Setting Depth
215	9	402 FT.
PUMP TEST		
Well yielded 215 GPM with		
a drawdown of 22 ft.		
after 24 hours of pumping		

WELL DATA		
Well Depth 1065'	Casing Diameter (In.) 12"	Casing Length (Ft.) 1015'
Type of Casing Steel	Hole Depth 106'	Depth to Static Water Level 310'
TYPE OF COMPLETION: (Circle One or More): Gravel-Packed , Underreamed , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1015 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, Jackson, MS	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 40'	Slot Size - Inches 0.018
Screen Type Stainless Steel	Depth to Bottom - Feet 1060'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks Coated casing			
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
Red Sandy Clay	0	10	Sand	870	1177
Yellow Clay	10	25	Hard Shale & Sand Strk	1177	1249
Blue Clay	25	40	Clay & Shale Streaks	1249	1714
Clay & Sand Streaks	40	63			
Sand & Shale Streaks	63	100			
Hard Shale	100	380			
Sandy	380	580			
Sand & Shale Streaks	580	681			
Hard Shale & Lime	681	740			
Sandy Shale	740	870			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show location of each on sketch.