

**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 Rankin	
WELL NUMBER 2	CODING M 80 ✓
DATE WELL COMPLETED 1/5/98	

PERMIT NUMBER MS-GW-15206
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER ACL Water Association			
PO Box 427			
Pelahatchie, MS 39145			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	36	5	N 4 E
DISTANCE	DIRECTION		NEAREST TOWN
7	Miles South		of Pelahatchie
OTHER LANDMARK			
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 100		
Pump Capacity (GPM)	No. of Stages	Setting Depth
440	12	540 FT.
PUMP TEST		
Well yielded 440 GPM with a drawdown of 31 ft. after 4 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1495'	12"	1430'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1517'	463'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1430 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	Length - Feet	Slot Size - Inches
8"	80'	.020
Screen Type	Depth to Bottom - Feet	
SS WW	align="center"> 1495'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
align="center"> 09-23-98A09:20 RCVD			
Top of Lap Pipe or Reduction in Casing			
1350 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	10	Clay - Sand Streaks	1002	1110
Sand - Pea Gravel	10	50	Lignite; Sand; Clay		
Sandy Clay - Lignite	50	193	Streaks	1110	1364
Lignite; Sand; Shale			Sandy Clay; Hard Shale	1364	1410
Streaks	193	330	Sand	1410	1495
Shale - Sandy Clay	330	710	Sandy Clay; Lime	1495	1517
Sand Clay Streaks	710	800			
Sandy Clay Shale	800	870			
Fine Sand; Clay Streak	870	1002			

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.