

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Rankin	
WELL NUMBER E 35	CODED
E Log # 660	
DATE WELL COMPLETED May 31, 1991	

PERMIT NUMBER # GWA 13175
NAME OF DRILLING FIRM Layne-Central Co.

NAME & MAILING ADDRESS OF LANDOWNER Leesburg Water Assoc.			
Route 1, Box 76-B			
Pelahatchie MS 39245			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
	14	7 N	5 E
DISTANCE	DIRECTION		NEAREST TOWN
			W
Miles _____ of _____			
OTHER LANDMARK Wilson Bates Road			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> Jet Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P 50		
Pump Capacity (GPM) 400	No. of Stages 9	Setting Depth 290 FT.
PUMP TEST		
Well yielded 412 GPM with a drawdown of 54.8' ft. after 24 hours of pumping		

WELL DATA		
Well Depth 784'	Casing Diameter (In.) 18"	Casing Length (Ft.) 62'
Type of Casing Steel	Hole Depth 2000'	Depth to Static Water Level 171'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 62' FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log Layne-Central Co.	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 50.7'	Slot Size - Inches 20
Screen Type Stainless Steel	Depth to Bottom - Feet 780'	

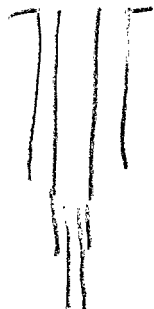
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
RECEIVED			
Driller's Remarks			
JAN 07 1992			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Yellow Clay	0	45	Shale	780	874
Blue Clay	45	441	Sand & Shale Streaks	874	918
Hard Clay & Rock Strks.	441	501	Hard Shale	918	938
Sandy Shale	501	546	Sandy Shale	938	1063
Rock	546	548	Hard Shale	1063	1210
Clay	548	555	Rock	1210	1214
Rock	555	556	Shale	1214	1240
Clay	556	565	Rock	1240	1241
Rock	565	567	Sandy Shale	1241	1294
Sandy Shale	567	659	Rock	1294	1295
Sand & Shale Streaks	659	780			

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

Hard Shale	1295	1334
Rock	1334	1345
Hard Shale	1345	1479
Sandy Shale	1479	1530
Hard Shale	1530	1560
Hard Shale, Sand & lignite	1560	1600
Hard Shale & Sand streaks	1600	1680
Shale, Sand & lignite	1680	1712
Hard Shale	1712	1835
Sandy Shale	1835	1865
Rock	1865	1867
Hard Shale	1867	1870
Sand Shale & lignite	1870	1935
Rock	1935	1938
Clay & Shale	1938	1972
Sandy Shale	1972	2000

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