

**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 6	CODED <input checked="" type="checkbox"/>
PERMIT NUMBER MS-GW-14946	
NAME OF DRILLING FIRM Layne-Central	
DATE WELL COMPLETED 11-22-95	
JACKSON	

NAME & MAILING ADDRESS OF LANDOWNER Southeast Rankin Water Assoc.		
1003 Cato Road		
Mendenhall, Ms. 39114		
WELL LOCATION: SEC	TOWNSHIP	RANGE
SW/4, SE/4,	N	E
NW/4, NE/4	26	3N
DISTANCE	DIRECTION	NEAREST TOWN
1 mile @	elevated tank on Rose	Hull Road
OTHER LANDMARK Cato Sys, 1995 well @ e.t.		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) <u>VHS elec. H/P 75</u>		
Pump Capacity (GPM) 403 gpm	No. of Stages 15	Setting Depth 340 FT.
PUMP TEST		
Well yielded 403 GPM with a drawdown of 8.2 ft. after 4 hours of pumping		

WELL DATA		
Well Depth 1549'	Casing Diameter (In.) 12"	Casing Length (Ft.) 1490'
Type of Casing Steel	Hole Depth 1549'	Depth to Static Water Level 278'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, <u>Undereamed</u> , Telescoped, Natural Development, <u>Open Hole</u> , Other (Describe) _____		

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

WELL GROUTED TO A DEPTH OF <u>1490</u> FEET Type Grout (circle one): Cement, Bentonite, or Mix

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 50'	Slot Size - Inches .025
Screen Type Stainless steel rod base	Depth to Bottom - Feet 1545'	

Driller's Remarks No coding on casing or pump	
Top of Lap Pipe or Reduction in Casing 1412 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	25	Shale, Clay & Lime ^{Jackson} sp.	435	870
White sand	25	33	Sandy Clay	870	935
Rock ^{Carbonate}	33	35	Clay	935	985
Clay	35	60	Fine sand ^{Carbonate}	985	1010
Shale & sand streaks	60	125	Sandy Clay	1010	1050
Sand	125	195	Sand	1050	1114
Clay	195	270	Clay	1114	1220
Shale	270	310	Clay & Lime Streaks ^{Carbon?}	1220	1298
Clay & Lime Streaks	310	415	Clay	1298	1330
Sand & Shale Streaks	415	435	Sand & Clay Streaks ^{sp.?}	1330	1385

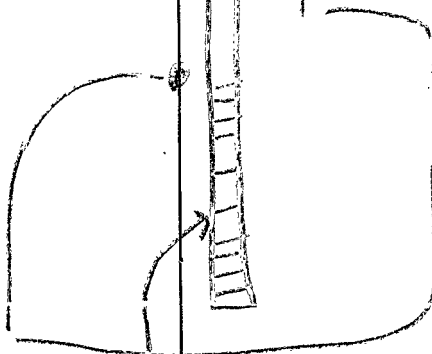
IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL

1495'
of 12" →

83' of 8" →



50' of 8" →

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SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Clay and Sand Streaks	1385	1403
Sand	1403	1521
Clay	1521	1526
Sand	1526	1585
Sand & Clay Streaks	1585	1605
Clay	1605	1621

Bottom of casing 1490

Top screen 1495

Bottom screen 1545

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