

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED WASHINGTON	
WELL NUMBER B 54	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 10/30/97	

PERMIT NUMBER
NAME OF DRILLING FIRM LAYNE-CENTRAL, a division of Layne Christensen Company

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

NAME & MAILING ADDRESS OF LANDOWNER USDA AQUACULTURE RESEARCH CENTER P.O. BOX 225 STONEVILLE, MS 38776		
WELL LOCATION: SEC	TOWNSHIP	RANGE
35	19	N 7 W
DISTANCE	DIRECTION	NEAREST TOWN
1 1/2 Miles	N	STONEVILLE
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, <u>Fish Pond</u> , etc. FISH POND		

PUMP DATA		
PUMP TYPE (Circle One): <u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____		
Pump Capacity (GPM)	No. of Stages	Setting Depth
250	2	105 FT.
PUMP TEST		
Well yielded 309 GPM with a drawdown of 15 ft. after 8 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1074'	8"	1006'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1132'	44.5'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1006 FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

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

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
4"	60'	.020
Screen Type	Depth to Bottom - Feet	
STAINLESS STEEL	1074'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
RECEIVED			
Top of Log Pipe or Reduction in Casing			
FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE			
JAN 14 1998			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
HARD CLAY	0	46			
COARSE SAND	46	118			
PEA GRAVEL & SAND	118	157			
HARD CLAY	157	244			
SHALE & CLAY SAND	244	574			
FINE SAND, CLAY STKS.	574	970			
SHALE, SANDY CLAY	970	1000			
MEDIUM COARSE SAND	1000	1050			
MEDIUM COARSE SAND	1050	1080			
FINE SAND	1080	1110			
FINE SAND, CLAY STKS.	1110	1132			

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IF MORE SPACE IS NEEDED, USE BACK

