

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 Lowndes	
WELL NUMBER 7 G 217	CODED
DATE WELL COMPLETED Sept. 1993	

PERMIT NUMBER MS GW 14471
NAME OF DRILLING FIRM Layne-Central Co., A Division of Layne Inc.

NAME & MAILING ADDRESS OF LANDOWNER Columbus Light and Water			
P.O. Box 949			
Columbus MS 39703			
WELL LOCATION:	SEC	TOWNSHIP	RANGE
SE 1/4	26	18 N	18 W
DISTANCE	DIRECTION	NEAREST TOWN	
1600'	East of	HWY 69, 200' South	
OTHER LANDMARK of main Road to airport			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

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 _____		
Pump Capacity (GPM) 1894	No. of Stages 4	Setting Depth 300 FT.
PUMP TEST		
Well yielded 1894 GPM with a drawdown of 154.3 ft. after 8 hours of pumping		

WELL DATA		
Well Depth 1013	Casing Diameter (In.) 18	Casing Length (Ft.) 930
Type of Casing Steel	Hole Depth 1057	Depth to Static Water Level 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 930 FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

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 Company	

SCREEN DATA		
Diameter - Inches 12	Length - Feet 75	Slot Size - Inches .030
Screen Type Stainless Steel	Depth to Bottom - Feet 1013'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks Depth to Bottom is to Bottom of Screen at 1013'			
Top of Lap Pipe or Reduction in Casing 853 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'			
Sand & Gravel	10'	55'			
Shale	55'	300'			
Sandy Shale	300'	335'			
Shale	335'	390'			
Sand & Shale streaks	390'	540'			
Hard Shale	540'	780'			
Sand	780'	850'			
Sandy Shale	850'	930'			
Sand	930'	1025'			
Hard Shale & Sand Strk	1025'	1057'			

RECEIVED

FEB 27 1995

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Bottom Casing 930'

Screen 938'-1013'

Well #7

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