

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 HOLMES	
WELL NUMBER 2	CODING <input checked="" type="checkbox"/>
L 38	
DATE WELL COMPLETED 11/91	

PERMIT NUMBER MSGW-14193
NAME OF DRILLING FIRM Layne-Central Co. A Div. of Layne-Western Co., Inc.

NAME & MAILING ADDRESS OF LANDOWNER LEBANON WATER ASSOC.			
P.O. Box 610			
LEXINGTON, MS 39095			
WELL LOCATION: SW 1/4	SEC 24	TOWNSHIP 15 N	RANGE 2 E
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK LEXINGTON/EMORY 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 40		
Pump Capacity (GPM) 300	No. of Stages 13	Setting Depth 288 FT.
PUMP TEST		
Well yielded 329 GPM with a drawdown of 25 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1499'	Casing Diameter (in.) 12"	Casing Length (Ft.) 1448'
Type of Casing STEEL	Hole Depth 1716'	Depth to Static Water Level 148'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other		
Top of Lap Pipe or Reduction in Casing		
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 6"	Length - Feet 40'	Slot Size - Inches #16
Screen Type S/S	Depth to Bottom - Feet 6	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Analysis
Driller's Remarks MAY 18 1992			
Dept. of Environmental Quality Bureau of Land & Water Resources			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	15	Hard Shale	630	720
Sand + Gravel	15	130	Sand + Shale	720	754
Clay	130	170	Rock	754	758
Clay Lignite + Sand	170	225	Hard Shale	758	775
Sand Lignite/Clay Strks.	225	360	Sand + Shale Strks.	775	839
Clay	360	420	Rock	839	840
Sand	420	438	Shale + Sand	840	901
Clay	438	474	Rock	901	905
Sandy clay	474	560	Hard clay	905	980
Rock	560	561	Sand	980	1004
Sandy clay	561	630			

IF MORE SPACE IS NEEDED, USE BACK