

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 Jefferson	
WELL NUMBER - DZZ	CODED
DATE WELL COMPLETED 1/14/99	

PERMIT NUMBER MS-GW-15535
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER Lorman Water Works Association			
PO Box 5			
Lorman, MS 39338			
WELL LOCATION	SEC	TOWNSHIP	RANGE
--	62	10N	2E
DISTANCE	DIRECTION	NEAREST TOWN	
-- Miles	--	of Red Lick	
OTHER LANDMARK Hwy 552 E 1 Mi past ET			
WELL PURPOSE Home, irrigation, Municipal, Industrial, Fish Pond, etc Rural Water Association			

PUMP DATA		
PUMP TYPE: Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> Jet Flowing Well <input type="checkbox"/>		
Other (Describe) _____		
POWER TYPE: Electric <input checked="" type="checkbox"/> Tractor <input type="checkbox"/> Diesel <input type="checkbox"/> Gasoline <input type="checkbox"/> Butane <input type="checkbox"/>		
Other (Describe) _____ H/P 50		
Pump Capacity (GPM) 250	No. Of Stages 8	Setting Depth 380 FT.
PUMP TEST Well yielded 252 GPM with a drawdown of 107 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 596'	Casing Diameter (In.) 10"	Casing Length (FL) 552'
Type of Casing Steel	Hole Depth 596'	Depth of Static Water Level 227'
TYPE OF COMPLETION Underreamed <input checked="" type="checkbox"/> Telescoped <input type="checkbox"/> Gravel Packed <input checked="" type="checkbox"/> Natural Development <input type="checkbox"/> Other (Describe) _____ Open Hole <input type="checkbox"/>		
WELL GROUTED TO A DEPTH OF 552' FEET		
TYPE GROUT Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Mix <input type="checkbox"/>		

LOG DATA			
TYPE OF LOG RUN Electric <input checked="" type="checkbox"/> Gamma Ray <input checked="" type="checkbox"/> No Log Run <input type="checkbox"/> Sonic <input type="checkbox"/> Neutron <input type="checkbox"/> Density <input type="checkbox"/>			
Other (Describe) _____			
Name of Organization Running Log Mississippi Department of Geology			

SCREEN DATA		
Diameter - Inches 6"	Length - Feet 30'	Slot Size - Inches 0.020"
Screen Type Stainless Steel	Depth to Bottom - Feet 4'	

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

Driller's Remarks	
Top of Lap Pipe or Reduction in Casing 495 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE.

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay	0	15	Sand & Clay Streaks	544	595
Brown Clay	15	20	Hard Shale	595	676
White Clay	20	38	Sand & Clay Streaks	676	740
Lime	38	75	Hard Shale	740	754
Clay	75	225			
Clay & Sand Streaks	225	250			
Shale	250	300			
Clay & Sand Streaks	300	335			
Clay	335	386			
Clay & Sand Streaks	386	410			
Sand & Lignite Streaks	410	448			
Clay	448	524			
Clay & Fine Sand	524	544			
Clay	544	555			

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MAY 01 2000
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK