

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	
Madison	
WELL NUMBER	CODED
--W-86	
DATE WELL COMPLETED	
8/1999	

PERMIT NUMBER
MS-GW-15400
NAME OF DRILLING FIRM
Layne-Central
Jackson, MS

NAME & ADDRESS OF LANDOWNER			
City of Ridgeland			
PO Box 217			
Ridgeland, MS 39158			
LATITUDE			
LONGITUDE			
WELL LOCATION	SEC	TOWNSHIP	RANGE
--	29	7N	2E
DISTANCE	DIRECTION	NEAREST TOWN	
-- Miles	-- of	Ridgeland	

PUMP DATA		
PUMP TYPE:		
Submersible <input type="checkbox"/>	Turbine <input checked="" 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	250

OTHER LANDMARK			
Old Canton Road			
WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)			
Municipal			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
Top Soil	0	5
Sandy Clay	5	35
Clay	35	340
Sandy Clay	340	365
Clay w/Sand Streaks	365	490
Sand w/Clay Streaks	490	575
Fine Sand	575	705
Clay	705	830
Clay w/Sand Streaks	830	940
Sandy Clay	940	1080
Clay w/Sand Streaks	1080	1190

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
710'	16"	565'
Type of Casing	Hole Depth	Depth to Static
Steel	710'	260'

TYPE OF COMPLETION:		Gravel Packed	<input checked="" type="checkbox"/>
Underreamed	<input checked="" type="checkbox"/>	Natural Development	<input type="checkbox"/>
Telescoped	<input type="checkbox"/>	Open Hole	<input type="checkbox"/>
Other (Describe)			

WELL GROUTED TO A DEPTH OF	565	FEET
Type Grout:	Cement <input checked="" type="checkbox"/>	Bentonite <input type="checkbox"/>
		Mix <input type="checkbox"/>

SCREEN DATA		
Diameter (In.)	Length (Ft.)	Slot Size (In.)
10"	130'	0.016"
Screen Type	Depth to Bottom (Ft.)	
Stainless Steel	710'	

Top of Lap Pipe or IF TELESCOPED OR MORE THAN
Reduction in Casing **490** FEET ONE SCREEN, USE PAGE.

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

LAYNE CENTRAL
By: *Dave Cook*
Signature of Licensed Driller and License No.

1/2/2002
Date

Additional Information Required on Back

REC'D JAN 07 2002
CKK aquifer

If well telescopes, please sketch and show depths.

GROUND LEVEL

SECTION 29

Please indicate well location X .

Pump Capacity (GPM) 1500	No. of Stages 9	Setting Depth (Fl.) 360
PUMP TEST Well yielded <u>1651</u> GPM with a drawdown of <u>70</u> feet after <u>24</u> hours of pumping.		
LOG DATA		
TYPE OF LOG RUN	No Log Run <input type="checkbox"/>	Electric <input checked="" type="checkbox"/>
Gamma Ray <input checked="" type="checkbox"/>	Density <input type="checkbox"/>	Sonic <input type="checkbox"/>
Other (Describe)		
Name of Organization Running Log Layne-Central, Jackson, MS		
GEOLOGIC DATA (Office Use Only)		
Surface Elev.	Geologic Unit	Unit Thickness
Subs. SWL	Date	Analysis
Depth to Top		
Aquifer Test		
Driller's Remarks		

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