

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 Marion	
WELL NUMBER 3	CODED
H-45	
DATE WELL COMPLETED 10/6/2000	

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

NAME & MAILING ADDRESS OF LANDOWNER Highway 98 East Water Association			
c/o Dungan Engineering, PO Box 150			
Columbia, MS 39429			
WELL LOCATION	SEC	TOWNSHIP	RANGE
NW¼	32	4N	17W
DISTANCE	DIRECTION	NEAREST TOWN	
--	Miles	--	of --
OTHER LANDMARK ¼ Mile North of Highway 98			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc			
Rural Water Association			

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 <input type="checkbox"/> 5
Pump Capacity (GPM)	No. Of Stages	Setting Depth
350	10	290 FT.
PUMP TEST		
Well yielded	351	GPM with
a drawdown of	248	ft.
after	24	hours of pumping

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (FT.)
970'	12"	905'
Type of Casing	Hole Depth	Depth of Static Water Level
Steel	970'	223'
TYPE OF COMPLETION		
Gravel Packed <input checked="" type="checkbox"/>	Underreamed <input checked="" type="checkbox"/>	Telescoped <input type="checkbox"/>
Open Hole <input type="checkbox"/>	Natural Development <input type="checkbox"/>	Other (Describe) _____
WELL GROUTED TO A DEPTH OF 905' 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"/>	Density <input type="checkbox"/>
Sonic <input type="checkbox"/>	Neutron <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	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
8"	50'	0.010"
Screen Type	Depth to Bottom - Feet	
304 Stainless Steel	5'	

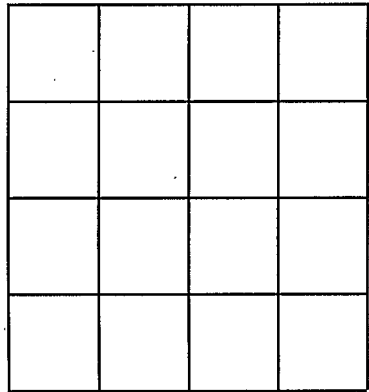
Driller's Remarks	
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Top of Lap Pipe or Reduction in Casing	IF TELESCOPED OR MORE THAN ONE SCREEN, USE BACK PAGE.
830	FEET

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	3			
Red Clay & Gravel	3	28		0	
Coarse Sand & Gravel	28	114		0	
Sand & Clay Streaks	114	135		0	
Clay	135	190		0	
Fine Sand	190	310		0	
Clay	310	390		0	
Clay & Gravel	390	445		0	
Coarse Sand	445	530		0	
Clay & Sand	530	550		0	
Coarse Sand	550	735		0	
Sand & Clay	735	880		0	
Fine Sand	880	970		0	
Clay & Sand Streaks	970	1,087		0	

JUN 10 2001
 Dept. of Environmental Quality
 Office of Land & Water Resources

If well telescopes, please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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