

COUNTY WELL LOCATED	
Madison	
WELL NUMBER	CODED
4	
<i>W-90</i>	
DATE WELL COMPLETED	
11/2002	

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

PERMIT NUMBER
MS-GW- 15410
NAME OF DRILLING FIRM
Layne-Central
Jackson, MS

NAME & ADDRESS OF LANDOWNER			
City of Madison			
PO Box 40			
Madison, MS 39130			
LATITUDE	N 32° 28' 55"		
LONGITUDE	W 90° 6' 0.2"		
WELL LOCATION	SEC	TOWNSHIP	RANGE
--	4	07N	2E
DISTANCE	DIRECTION	NEAREST TOWN	
--	Miles	--	of Madison
OTHER LANDMARK			
At Elevated Tank on Hwy 51N			

WELL PURPOSE (Home, Irrigation, Municipal, Industrial, Fish Pond, etc.)
Municipal

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<i>1382</i>	20"	955'
Type of Casing	Hole Depth	Depth to Static
Steel	1382'	247'

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	955'	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.)
12"	205'	0.020"

Screen Type	Depth to Bottom (Ft.)
Stainless Steel	<i>1170</i> 1382'

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"/>
Gasoline	<input type="checkbox"/>	Diesel	<input type="checkbox"/>
		Butane	<input type="checkbox"/>
Other (Describe)		H/P	200
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	
Top Soil	0	3	
White Clay	3	40	
Gray Clay	40	260	
Sandy Clay	260	370	
Sand	370	450	
Clay	450	480	
Sand	480	620	
Hard Clay	620	770	
Sandy Clay	770	950	
Sand	950	1250	
Hard Clay	1250	1290	
Sandy Clay	1290	1320	
Hard Clay	1320	1382	

RECEIVED

NOV 25 2002

BY: OLWFF

Top of Lap Pipe or	IF TELESCOPED OR MORE THAN
Reduction in Casing 1057 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.

11-21-02
Date

Additional Information Required on Back

If well telescopes, please sketch and show depths.

GROUND LEVEL

SECTION 4

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth (Ft.)
2500	7	457
PUMP TEST		
Well yielded <u>2514</u> GPM with a drawdown of <u>46</u> feet after <u>28</u> hours of pumping.		
LOG DATA		
TYPE OF LOG	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	Geologic Unit	Unit Thickness
Subs. SWL	Date	Analysis
		Aquifer Test
Driller's Remarks		
-		

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