

**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 <b>Hinds</b>	
WELL NUMBER <b>3 L 74</b>	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>6/9/98</b>	

PERMIT NUMBER <b>MS-GW-15211</b>
NAME OF DRILLING FIRM <b>Layne Central</b>
<b>Jackson, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>City of Raymond</b>		
<b>110 Court Square</b>		
<b>Raymond, MS 39154</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
	<b>5 N S 2 E</b>	<b>W</b>
DISTANCE	DIRECTION	NEAREST TOWN
	Miles	of
OTHER LANDMARK <b>on Hinds Boulevard</b>		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, <u>Butane</u> , Other (Describe) _____ H/P <u>460</u>		
Pump Capacity (GPM) <b>600</b>	No. of Stages <b>10</b>	Setting Depth _____ FT.
PUMP TEST		
Well yielded <b>610</b> GPM with a drawdown of <b>30.3</b> ft. after <b>24</b> hours of pumping		

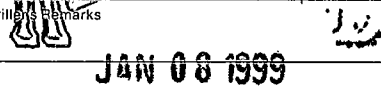
<b>WELL DATA</b>		
Well Depth <b>1757'</b>	Casing Diameter (In.) <b>12"</b>	Casing Length (Ft.) <b>1679'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1784'</b>	Depth to Static Water Level <b>197'</b>
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <b>Layne-Central</b>	

**WELL GROUTED TO A DEPTH OF 1757 FEET**  
Type Grout (circle one): Cement, Bentonite, or Mix

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

<b>SCREEN DATA</b>		
Diameter - Inches <b>8"</b>	Length - Feet <b>70'</b>	Slot Size - Inches <b>14</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>1757</b>	

Drillers Remarks 
<b>JAN 08 1999</b>
Top of Lap Pipe or Reduction in Casing -- FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM		TO		FORMATIONS (Continued)	FROM		TO	
Sandy Clay		0		15	Clay & Fine Sand Strks	1050		1065	
Yellow Clay		15		33	Sand/Clay/Lignite Strk	1065		1100	
Blue Clay		33		150	Sand/Lignite Streaks	1100		1255	
Sandy Clay		150		170	Hard Clay/Lime Streaks	1255		1443	
Rock		170		173	Hard & Fine Sand Strks	1443		1515	
Lime & Rock Streaks		173		195	Sand/Clay/Lignite Strk	1515		1568	
Clay		195		312	Hard Clay/Sand Streaks	1568		1595	
Hard Lime		312		315	Sandy Clay & Lignite	1595		1630	
Clay & Sand Streaks		315		520	Hard Clay	1630		1645	
Clay		520		800	(See Back)				
Sandy Clay		800		1050	IF MORE SPACE IS NEEDED, USE BACK				

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Hard Clay/Fine Sand Streaks

1645 1685

Sand & Lignite Streaks

1685 1787

Clay & Fine Sand

1787 1798

Sandy Clay

1798 1824

Hard Clay

1824 2002

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