

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>Madison</b>		
WELL NUMBER <b>11518</b>	CODED	PERMIT NUMBER <b>MS-GW-14789</b>
DATE WELL COMPLETED <b>9-25-93</b>		NAME OF DRILLING FIRM <b>Layne-Central Co., A Division of Layne, Inc.</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**City of Canton**

**L-55 Industrial Park**

**27 TQN R2E**

WELL LOCATION: SEC **27** TOWNSHIP **9** RANGE **2**

DISTANCE \_\_\_\_\_ DIRECTION \_\_\_\_\_ NEAREST TOWN \_\_\_\_\_

Miles \_\_\_\_\_ of \_\_\_\_\_

OTHER LANDMARK \_\_\_\_\_

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.  
**Industrial**

**PUMP DATA**

PUMP TYPE (Circle One):  
Submersible, **Turbine**, Jet, Flowing Well,  
Other (Describe) \_\_\_\_\_

POWER TYPE (Circle One):  
**Electric**, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) \_\_\_\_\_ H/P **100**

Pump Capacity (GPM) <b>900</b>	No. of Stages <b>5</b>	Setting Depth <b>247</b> FT.
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PUMP TEST

Well yielded **904** GPM with  
a drawdown of **34.7** ft.  
after **24** hours of pumping

**WELL DATA**

Well Depth <b>1080'</b>	Casing Diameter (In.) <b>20"</b>	Casing Length (Ft.) <b>1020</b>
Type of Casing <b>5/8</b>	Hole Depth <b>1080'</b>	Depth to Static Water Level <b>123</b>

TYPE OF COMPLETION: (Circle One or More):  
**Gravel Packed**, **Underreamed**, Telescoped,  
Natural Development, Open Hole, Other

Top of Lap Pipe or Reduction in Casing  
**953 FEET** IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
**Electric**, **Gamma Ray**, No Log Run,  
Density, Sonic, Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**Layne-Central Co. - Jackson**

**SCREEN DATA**

Diameter - Inches <b>10</b>	Length - Feet <b>50</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>Stainless steel</b>	Depth to Bottom - Feet <b>1080</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Yellow clay</b>	<b>0'</b>	<b>30'</b>	<b>RECEIVED</b>  <b>MAR 30 1994</b>  Dept. of Environmental Quality Office of Land & Water Resources		
<b>Blue clay</b>	<b>30'</b>	<b>240'</b>			
<b>Sandy clay + streaks</b>	<b>240'</b>	<b>506'</b>			
<b>Hard clay</b>	<b>506'</b>	<b>640'</b>			
<b>Sand</b>	<b>640'</b>	<b>673'</b>			
<b>Clay + sand</b>	<b>673'</b>	<b>790'</b>			
<b>Sandy clay</b>	<b>790'</b>	<b>845'</b>			
<b>Clay</b>	<b>845'</b>	<b>990'</b>			
<b>Sand</b>	<b>990'</b>	<b>1078'</b>			
<b>Clay</b>	<b>1078'</b>	<b>1115'</b>			

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

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