

**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  
**Lauderdale**

WELL NUMBER **2** CODE **G 165** ✓

DATE WELL COMPLETED  
**5/96**

PERMIT NUMBER  
**MS - GW - 15081**

NAME OF DRILLING FIRM  
**Layne-Central**

**Jackson, MS**

NAME & MAILING ADDRESS OF LANDOWNER  
**City of Meridian**  
**Meridian, MS**

WELL LOCATION SEC **36** TOWNSHIP **7 N** RANGE **15 E**

DISTANCE \_\_\_\_\_ DIRECTION \_\_\_\_\_ NEAREST TOWN \_\_\_\_\_  
Miles \_\_\_\_\_ of \_\_\_\_\_

OTHER LANDMARK  
**Kings Road**

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

**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 **150**

Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>1500</b>	<b>4</b>	<b>290</b> FT.

PUMP TEST  
Well yielded **208** GPM with  
a drawdown of **29** ft.  
after **24** hours of pumping

**LOG DATA**

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

Name of Organization Running Log  
**Layne-Central**

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks  
\_\_\_\_\_

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

**WELL DATA**

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
<b>878'</b>	<b>20"</b>	<b>745'</b>

Type of Casing	Hole Depth	Depth to Static Water Level
<b>Welded Steel</b>	<b>878'</b>	<b>179'</b>

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

WELL GROUTED TO A DEPTH OF **745** FEET  
Type Grout (circle one):  Cement,  Bentonite, or Mix

**SCREEN DATA**

Diameter - Inches	Length - Feet	Slot Size - Inches
<b>12"</b>	<b>100'</b>	<b>.020</b>

Screen Type	Depth to Bottom - Feet
<b>Welded Stainless</b>	<b>878'</b>

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM TO		FORMATIONS (Continued)	FROM TO	
Sandy Clay	0	35	Fine Sand & Shale	540	725
Clay	35	75	Sand & Clay Streaks	725	835
Sand	75	125	Blue Clay	835	845
Blue Clay	125	270	Sand	845	880
Fine Sand & Clay	270	360	Sandy Clay	880	910
Shale	360	540	Clay	910	990

IF MORE SPACE IS NEEDED, USE BACK