

# RECEIVED

## MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED  
**Rankin**

WELL NUMBER **7-198** CODED

DATE WELL COMPLETED  
**7/6/98**

PERMIT NUMBER  
**MS-GW-15271**

NAME OF DRILLING FIRM  
**Layne-Central**

**Jackson, MS**

**Aug 08 1999**

Dept. of Environmental Quality  
Office of Land and Water Resources

P. O. Box 10631  
39289-0631

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

**PO Box 5948**

**Pearl, MS 39288-5948**

WELL LOCATION. SEC TOWNSHIP RANGE  
**SW/4 12 5 N 2 E**

DISTANCE DIRECTION NEAREST TOWN  
**Miles of Pearl**

OTHER LANDMARK **Behind Fire Sta #4 on Hwy 80; Hilldale Lane**

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

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>750</b>	<b>3</b>	<b>510 FT.</b>

PUMP TEST

Well yielded **830** GPM with  
a drawdown of **409.7** ft.  
after **24** hours of pumping

WELL DATA

Well Depth <b>1400'</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Ft.) <b>1315'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>1400'</b>	Depth to Static Water Level <b>342'</b>

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

WELL GROUTED TO A DEPTH OF **1315 FEET**  
Type Grout (circle one): **Cement**, Bentonite, or Mix

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**

SCREEN DATA

Diameter - Inches <b>10"</b>	Length - Feet <b>70'</b>	Slot Size - Inches <b>0.016</b>
Screen Type <b>Stainless Steel</b>	Depth to Bottom - Feet <b>1400'</b>	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks  
**Gravel left 2' from top of lap**

Top of Lap Pipe or Reduction in Casing  
**1220 FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	5	Hard Shale & Clay	947	968
Yellow Clay	5	25	Rock	968	988
Sand & Pea Gravel	25	30	Sandy Clay & Lignite	988	1070
Blue Clay & Sand Strks	30	65	Fine Sand & Shale Strk	1070	1159
Blue Clay	65	340	Sand & Shale Streaks	1159	1399
Hard Shale & Clay	340	607	Hard Shale & Clay	1399	1420
Sandy Clay & Lignite	607	947			

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.