

**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  
**Sunflower**  
WELL NUMBER **600** CODED   
DATE WELL COMPLETED  
**10/30/89**

PERMIT NUMBER  
NAME OF DRILLING FIRM  
**Layne-Central**  
**Cleveland, MS**

NAME & MAILING ADDRESS OF LANDOWNER  
**W.O. Shurden Estate**  
**P.O. Box 98**  
**Drew, MS 38737**  
WELL LOCATION: SEC **23** TOWNSHIP **23N** RANGE **4W** **E** **W**  
DISTANCE \_\_\_\_\_ MILES \_\_\_\_\_ OF \_\_\_\_\_  
DIRECTION **N** **S** **E** **W** NEAREST TOWN \_\_\_\_\_  
OTHER LANDMARK  
**Near Drew, MS**  
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 \_\_\_\_\_  
Pump Capacity (GPM) \_\_\_\_\_ No. of Stages \_\_\_\_\_ Setting Depth \_\_\_\_\_ FT.  
PUMP TEST  
Well yielded \_\_\_\_\_ GPM with  
a drawdown of \_\_\_\_\_ ft.  
after \_\_\_\_\_ hours of pumping

**WELL DATA**

Well Depth <b>890'</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>140'</b>
Type of Casing	Hole Depth <b>1040'</b>	Depth to Static Water Level

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) \_\_\_\_\_  
Top of Lap Pipe or Reduction in Casing  
**FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

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

**SCREEN DATA**

Diameter - Inches <b>2"</b>	Length - Feet <b>50'2"</b>	Slot Size - Inches <b>.008</b>
Screen Type <b>Houston</b>	Depth to Bottom - Feet <b>890'</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
Clay	0	20	Shale	912	1040
Sand	20	60			
Sand Gravel	60	280			
Clay	280	350			
Shale	350	600			
Sandy Clay with Streaks	600	700			
Shale	700	790			
Sandy Clay	790	830			
Rock	830	831			
Sand	831	890			
Clay	890	912			

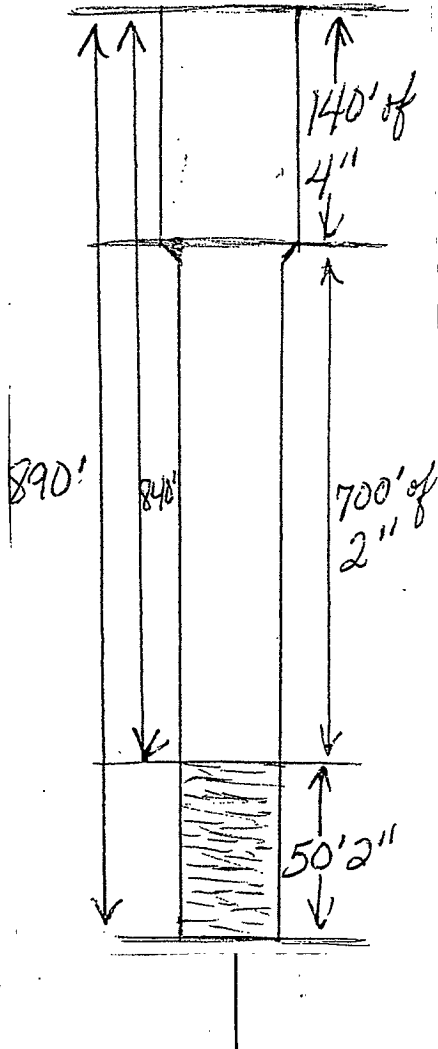
**RECEIVED**

**NOV 30 1994**

Dept. of Environmental Quality  
**Office of Land & Water Resources**  
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.