

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 <u>Winston</u>
WELL NUMBER <u>K 35</u>
DATE WELL COMPLETED <u>May 8, 1995</u>

PERMIT NUMBER <u>MS-GW-14932</u>
NAME OF DRILLING FIRM <u>Layne-Central Co.,</u> <u>A Division of Layne, Inc.</u>

NAME & MAILING ADDRESS OF LANDOWNER <u>Louisville Utilities</u>			
<u>P.O. Box 849</u>			
<u>Louisville, MS 39339</u>			
WELL LOCATION:	SEC <u>3</u>	TOWNSHIP <u>14</u>	RANGE <u>12</u>
		<u>N</u>	<u>E</u>
		<u>S</u>	<u>W</u>
DISTANCE	DIRECTION	NEAREST TOWN	
_____ Miles	_____ of	_____	
OTHER LANDMARK <u>Southmost Well along RR</u>			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Municipal</u>			

PUMP DATA			
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____			
OTHER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <u>75</u>			
Pump Capacity (GPM) <u>1091</u>	No. of Stages <u>4</u>	Setting Depth <u>200'</u>	FT.
PUMP TEST			
Well yielded <u>1091</u> GPM with a drawdown of <u>27'</u> ft. after <u>30 min</u> hours of pumping			

WELL DATA		
Well Depth <u>310'</u>	Casing Diameter (In.) <u>24</u>	Casing Length (Ft.) <u>235</u>
Type of Casing <u>Steel</u>	Hole Depth <u>310'</u>	Depth to Static Water Level <u>101</u>
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <u>235</u> FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log <u>Layne-Central Co.</u>	

SCREEN DATA		
Diameter - Inches <u>16</u>	Length - Feet <u>50</u>	Slot Size - Inches <u>.025</u>
Screen Type <u>Houston stainless steel</u>	Depth to Bottom - Feet <u>310'</u>	

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

Driller's Remarks <u>16" Lap to surface</u> <u>Epoxy coated casing</u> <u>Top of Lap Pipe or Reduction in Casing</u> <u>see</u> <u>Remarks</u>	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE
---	--

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<u>Surface Clay</u>	<u>0'</u>	<u>40'</u>			
<u>Soft Blue Clay</u>	<u>40'</u>	<u>60'</u>			
<u>Clay, streaks of lignite</u>	<u>60'</u>	<u>150'</u>			
<u>Sandy Clay</u>	<u>150'</u>	<u>160'</u>			
<u>Sandy Clay, Clay streaks</u>	<u>160'</u>	<u>220'</u>			
<u>Clay</u>	<u>220'</u>	<u>255'</u>			
<u>Sand</u>	<u>255'</u>	<u>317'</u>			
<u>Clay</u>	<u>317'</u>	<u>326'</u>			

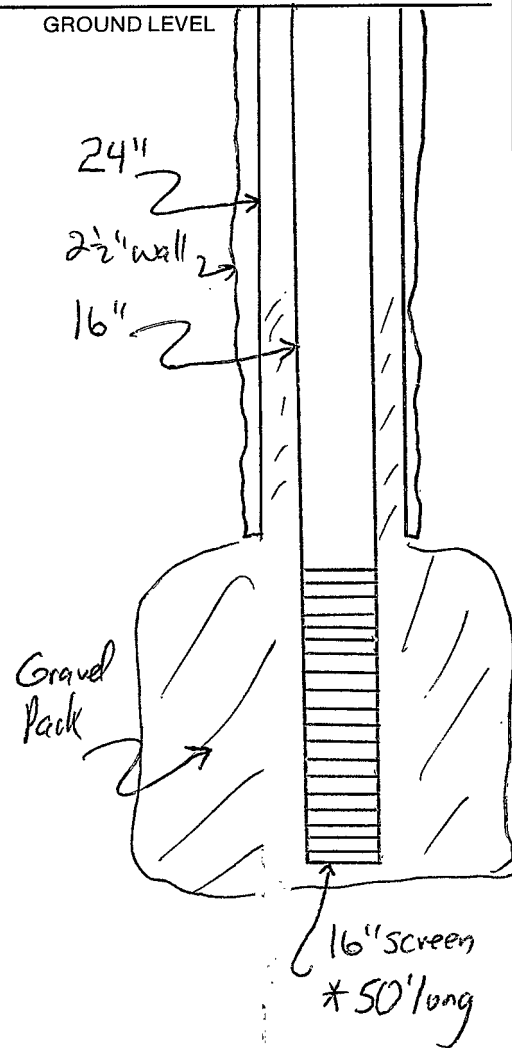
RECEIVED

JUN 21 1995

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Screen 260-310

Lap - Ground level to 260'
16"

Casing Ground level to 235'
24"

Lap & Casing Epoxy Coated

ALL MEASUREMENTS
GROUND LEVEL

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