

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

COUNTY WELL LOCATED
ISSAQUENA

WELL NUMBER **554** CODED

DATE WELL COMPLETED
10/24/96

PERMIT NUMBER _____

NAME OF DRILLING FIRM
LAYNE-CENTRAL, a division of

Layne Christensen Company

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

NAME & MAILING ADDRESS OF LANDOWNER
CITY OF MAYERSVILLE

C/O ALFORD ENGINEERING
P.O. BOX 16621

JACKSON, MS 39236-6621

WELL LOCATION SEC **11** TOWNSHIP **122** RANGE **8**

DIRECTION **S** NEAREST TOWN **MAYERSVILLE**

OTHER LANDMARK
SW CORNER OF COURTHOUSE

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

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 20

Pump Capacity (GPM)	No. of Stages	Setting Depth
250	9	100 FT.

PUMP TEST

Well yielded 254 GPM with
a drawdown of 11 ft.
after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
929'	12"	856'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	929'	31'

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

WELL GROUTED TO A DEPTH OF 856 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray, Density, Sonic, Neutron,
Other (Describe) _____

Name of Organization Running Log
LAYNE

GEOLOGIC DATA (Office Use Only)

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

SCREEN DATA

Diameter - inches	Length - Feet	Slot Size - inches
8"	40'	.020
Screen Type	Depth to Bottom - Feet	
STAINLESS STEEL	929' 925'	

Top of Lap Pipe or Reduction in Casing
199 FEET

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMAT	FROM	TO
CLAY	0	17			
FINE SAND	17	63			
SAND & GRAVEL	63	396			
SAND SHALE	396	708			
CLAY	708	716			
SANDY CLAY	716	778			
SAND	778	809			
CLAY & SAND STREAKS	809	861			
SAND	861	919			
CLAY	919	929			

IF MORE SPACE IS NEEDED, USE BACK

RECEIVED
JUN 13 1997

Dept. of Environmental Quality
Office of Land & Water Resources