

log # 393

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 Jones		PERMIT NUMBER MS-GW-14769
WELL NUMBER 4-182	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Layne - Central, A
DATE WELL COMPLETED 5-15-95		Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
Southwest Jones Water Assoc.

Route 1, Box 478

Moselle, Ms. 39459

WELL LOCATION	SEC	TOWNSHIP	RANGE
	22	7	N 14 E

DISTANCE **6** Miles **E** of **Seminary**

OTHER LANDMARK
3000' E of water tower

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
500	10	300 FT.

PUMP TEST

Well yielded **506** GPM with
a drawdown of **54** ft.
after **8** hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
735	12"	675'

Type of Casing	Hole Depth	Depth to Static Water Level
Steel	1000'	197'

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

WELL GROUTED TO A DEPTH OF **675** 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 - Central

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8"	50'	.020

Screen Type **Stainless steel**

Depth to Bottom - Feet _____

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

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'	Shale & Clay	870'	1000'
Sandy Red Clay	5'	20'			
Sand & Gravel	20'	130'			
Clay	130'	230'			
Sandy Clay	230'	310'			
Sand	310'	357'			
Clay & Sand Streaks	357'	460'			
Sand	460'	567'			
Lime & Sand Streaks	567'	597'			
Sand & Shale Streaks	597'	718'			
Hard & Shale	718'	870'			

RECEIVED

NOV 08 1995

Dept. of Environmental Quality
Office of Land & Water Resources