

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
 Resources

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

COUNTY WELL LOCATION
Jones

WELL NUMBER
4

CODED

DATE WELL COMPLETED
5-15-95

PERMIT NUMBER
MS-6-W-14769

NAME OF DRILLING FIRM
Layne-Central,
 A Division of Layne, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
Southwest Jones Water Assoc.
Rt. 1 Box 478
Moselle, MS 39459

WELL LOCATION SEC TOWNSHIP RANGE
22 7 N 14 E

DISTANCE DIRECTION NEAREST TOWN
6 Miles E of Seminole

OTHER LANDMARK
3000' E. of Water Tower

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

PUMP DATA

PUMP TYPE (Circle One):
~~Submersible~~ ~~Other~~ **Flowing Well**

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
 Other (Describe) _____ H/P **100**

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) _____

LOG DATA

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

Name of Organization Running Log
Layne-Central

WELL GROUTED TO A DEPTH OF **675** FEET
 Type Grout (circle one): Cement Bentonite, or Mix

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" 50' .020

Screen Type Depth to Bottom - Feet
Stainless steel

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'			

IF MORE SPACE IS NEEDED, USE BACK