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	ISSAQUENA
WELL NUMBER	B 55
CODED	✓
PERMIT NUMBER	
NAME OF DRILLING FIRM	LAYNE-CENTRAL, a division of Layne Christensen Company
DATE WELL COMPLETED	09/23/97

NAME & MAILING ADDRESS OF LANDOWNER
ISSAQUENA CO. CORR. FACILITY
C/O HOOKER ENGINEERING
P.O. BOX 368
GREENVILLE, MS 38702-0368

WELL LOCATION	SEC	TOWNSHIP	RANGE
	11	12 N	8 W

DISTANCE	DIRECTION	NEAREST TOWN
1/4 Miles	EAST of	MAYERSVILLE

OTHER LANDMARK
@ NEW PRISON

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

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
300	7	100 FT.

PUMP TEST
Well yielded 302 GPM with a drawdown of 11 ft. after 24 hours of pumping

WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
874'	12"	826'

Type of Casing	Hole Depth	Depth to Static Water Level
CARBON STEEL	898'	23'

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

WELL GROUTED TO A DEPTH OF 826' FEET
Type Grout (circle one): (Cement), Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run, (Electric), (Gamma Ray), Density, Sonic, Neutron, Other (Describe) _____

Name of Organization Running Log
MS DEPT. OF ENVIRONMENTAL QUALITY

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
770 FEET
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8"	40'	.020

Screen Type	Depth to Bottom - Feet
STAINLESS STEEL	874'

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	8			
SAND, PEA GRAVEL	8	120			
SAND & CLAY STREAKS	120	420			
SAND & GRAVEL	420	450	05-26-98A09:26 RCVD		
SAND & SHALE	450	840			
SAND	840	892			
CLAY	892	898			
			IF MORE SPACE IS NEEDED, USE BACK		