

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED
CALHOUN

WELL NUMBER
G 111

DATE WELL COMPLETED
1/2/97

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

TOWN OF PITTSBORO

C/O COOK COGGIN ENGINEERS

P.O. BXO 1526

TUPELO, MS 38802

WELL LOCATION SEC TOWNSHIP RANGE
19 13 S 1 W

DISTANCE DIRECTION NEAREST TOWN
Miles of **PITTSBORO**

OTHER LANDMARK
ON NORTH SIDE OF JAIL

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 **40**

Pump Capacity (GPM)	No. of Stages	Setting Depth
183	5	348 FT.

PUMP TEST

Well yielded **183** GPM with
a drawdown of **95** ft.
after **24** hours of pumping

WELL DATA

Well Depth 1755'	Casing Diameter (In.) 8"	Casing Length (Ft.) 1714'
Type of Casing STEEL	Hole Depth 1762'	Depth to Static Water Level 218'

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

WELL GROUTED TO A DEPTH OF 1714' FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

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

Name of Organization Running Log
LAYNE

SCREEN DATA

Diameter - Inches 4"	Length - Feet 35'	Slot Size - Inches .015
Screen Type STAINLESS STEEL	Depth to Bottom - Feet 1751' 1755'	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

RECEIVED

Top of Lap P... or Reduction in Casing
1656'

IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK

JUN 13 1997

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
RED CLAY	0	15	HARD SHALE	645 710
GRAY CLAY	15	40	LIMESTONE STKS	710 1260
SHALE	40	75	SHALE	1260 1490
SAND	75	80	GRAY CLAY	1490 1530
BLUE GREEN CLAY	80	100	SAND SHALE	1530 1645
SHALE & ROCK	100	150	ROCK	1645 1648
CLAY & SANDY SHALE	150	300	SAND SHALE	1648 1670
SHALE & SAND CLAY STKS	300	420	FINE SAND	1670 1758
SHALE	420	525	CLAY	1758 1762
SANDY SHALE STKS & HARD SHALE	525	645		

IF MORE SPACE IS NEEDED, USE BACK