

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED CALHOUN	
WELL NUMBER 1	CODED
G 6	
DATE WELL COMPLETED 2/25/96	

PERMIT NUMBER
NAME OF DRILLING FIRM LAYNE-CENTRAL, a division
of Layne Christensen Co.

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER MEMPHIS HARDWOOD			
1551 THOMAS STREET			
MEMPHIS, TN 38107			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	6	324	8
			1
			W
DISTANCE	DIRECTION	NEAREST TOWN	
	S. PART	OF TOWN OF BRUCE, MS	
OTHER LANDMARK			
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		
Pump Capacity (GPM)	No. of Stages	Setting Depth
350	7	160 FT.
PUMP TEST		
Well yielded Not Tested GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (in)	Casing Length (Ft.)
1704'	10"	1646'
Type of Casing	Hole Depth	Depth to Static Water Level
STEEL	1746'	107'
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF 1646 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 Operator/Drilling Log	
Layne Christensen Co.	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
	JUL 03 1996		
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks Dept. of Environmental Quality Office of Land & Water Resources			
Top of Lap Pipe or Reduction in Casing			
FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
6"	51'	.020
Screen Type	Depth to Bottom - Feet	
STAINLESS WIRE	1700'	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	17	Shale strks. of Clay	579	635
Sand	17	35	Hard Gray Clay	635	860
Clay	35	100	Hard Gray Clay & Shale	860	1190
Rock	100	101	Hard Clay	1190	1440
Clay & Shale	101	114	Sandy Shale & Clay	1440	1550
Rock	114	115	Shale & Limestone	1550	1643
Shale	115	180	Rocks	1643	1659
Rock	180	181	Coarse sand & pea grav.	1659	1730
Shale	181	420	Hard Shale	1730	1734
Hard Shale	420	460	Sandy Shale, strk of	1734	1746
Shale & Clay	460	579	pea grav		