

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

COUNTY WELL LOCATED LEFLORE	
WELL NUMBER R 92	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 09/03/97	

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 LEFLORE CO. BOARD OF SUPERVISORS		
C/O WILLIS ENGINEERING 133 SOUTH MOUND STREET		
GRENADA, MS 38901		
WELL LOCATION: SEC	TOWNSHIP	RANGE
10	19	N 1 W
DISTANCE	DIRECTION	NEAREST TOWN
2 Miles	NE	of ITTA BENA
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, <u>Industrial</u> , Fish Pond, etc. INDUSTRIAL @ VIKING PLANT		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 15		
Pump Capacity (GPM)	No. of Stages	Setting Depth
250	8	100 FT.
PUMP TEST		
Well yielded 269 GPM with a drawdown of 12 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 944'	Casing Diameter (In.) 10"	Casing Length (Ft.) 896'
Type of Casing STEEL	Hole Depth 1105'	Depth to Static Water Level 34'
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF 896 FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , <u>Gamma Ray</u> , Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log MS DEPT. OF ENVIRONMENTAL QUALITY	

SCREEN DATA		
Diameter - Inches 6"	Length - Feet 40'	Slot Size - Inches .020
Screen Type STAINLESS STEEL	Depth to Bottom - Feet 944'	

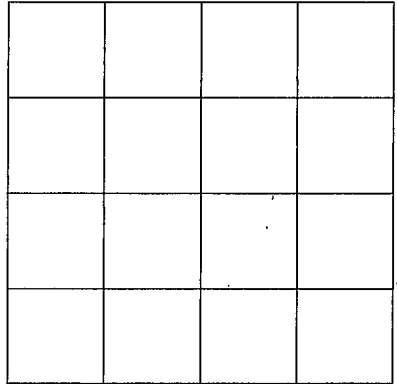
GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks 05-26-98A09:26 RCVD Top of Lap Pipe or Reduction in Casing FEET IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	19	Green Sand, Shale, Stks		
Sand	19	35	of Small Rocks	461	510
Coarse Sand & Pea Grav.	35	95	Rock	510	511
Coarse Sand & Gravel	95	135	Green Sand, Shale, Stks		
Hard Clay	135	150	of Rock	511	625
Sandy Clay	150	170	Sand & Shale Streaks	625	740
Hard Clay	170	195	Shale & Brown Sand Stks	740	855
Sandy Clay Stks, Sand	195	275	Sand, Stks of Shale	855	875
Sand	275	340	Sand	875	950
Sandy Shale	340	425	Sand, Shale Streaks	950	965
Sandy Shale Stks, Hard	425	461	IF MORE SPACE IS NEEDED, USE BACK		

Shale

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Clay	965	1042
Shale & Sand Streaks	1042	1105

If more than one screen, show location of each on sketch.