

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 WASHINGTON	
WELL NUMBER 3	CODED E145
DATE WELL COMPLETED 4/15/92	

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

NAME & MAILING ADDRESS OF LANDOWNER CITY OF LELAND	
P.O. DRAWER 271	
LELAND, MS 38756	
WELL LOCATION:	SEC TOWNSHIP RANGE
	13 18 N 7 E W
DISTANCE	DIRECTION NEAREST TOWN
Miles	of LELAND
OTHER LANDMARK @ PARK	
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.	

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		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1000	3	70' FT.
PUMP TEST		
Well yielded 1000 GPM with		
a drawdown of 40 ft.		
after 24 hours of pumping		

WELL DATA		
Well Depth 560'	Casing Diameter (In.) 16"	Casing Length (Ft.) 506'
Type of Casing STEEL	Hole Depth 691'	Depth to Static Water Level 30'

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

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 506 FEET Type Grout (circle one): <u>Cement</u> , 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 10"	Length - Feet 50'9"	Slot Size - Inches .020
Screen Type STAINLESS STEEL	Depth to Bottom - Feet 560'	

Driller's Remarks
Top of Lap Pipe or Reduction in Casing
IF TELESCOPED OR MORE THAN FEET IN SCREEN USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS ENCOUNTERED	FROM	TO
CLAY	0	20	SAND WITH CLAY STREAKS	45	568
SAND	20	90	SAND	568	660
COARSE SAND & PEA GRAV	90	110	CLAY	660	661
GRAVEL	110	120	SAND	661	691
SAND & PEA GRAVEL	120	160			
CLAY & SAND STREAKS	160	251			
SAND	251	302			
CLAY & SAND STREAKS	302	325			
SAND & CLAY STREAKS	325	390			
CLAY & SAND STREAKS	390	450			
ROCK	450	451			

RECEIVED
AUG 09 1996
Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please
sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

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