

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 LEFLORE	
WELL NUMBER 1	CODING K 89 88
DATE WELL COMPLETED 07/21/95	

PERMIT NUMBER
NAME OF DRILLING FIRM LAYNE-CENTRAL

NAME & MAILING ADDRESS OF LANDOWNER T.T. & W. FOOD PROCESSING	
ROUTE 1, BOX 187	
SCHLATER, MS 38952	
WELL LOCATION: SEC 9 TOWNSHIP 19 N RANGE 1 W	
DISTANCE 1 Miles DIRECTION N NEAREST TOWN ITTA BENA	
OTHER LANDMARK	
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. INDUSTRIAL	

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> Jet Flowing Well, Other (Describe) TURBINE		
POWER TYPE (Circle One): <u>Electric</u> Tractor, Diesel, Gasoline, Butane, Other (Describe) ELECTRIC H/P 40		
Pump Capacity (GPM) 600	No. of Stages 4	Setting Depth 90' FT.
PUMP TEST		
Well yielded 603 GPM with a drawdown of 30' ft. after 7 hours of pumping		

WELL DATA	
Well Depth 1044'	Casing Diameter (In.) 12"
Casing Length (Ft.) 977'	
Type of Casing STEEL	Hole Depth 1126'
Depth to Static Water Level 18'	
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> <u>Underreamed</u> Telescoped, Natural Development, Open Hole, Other (Describe) GRAVEL PACKED, UNDERREAMED	
WELL GROUTED TO A DEPTH OF 977 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) ELECTRIC, GAMMA RAY	
Name of Organization Running Log	
STATE GEOLOGICAL SURVEY	
GEOLOGIC DATA (Office Use Only)	
Surface Elev.	Geologic Unit
Unit Thickness	Depth to Top
Subs. SWL	Date
Analysis	Aquifer Test
FEB 07 1996	

SCREEN DATA	
Diameter - Inches 8"	Length - Feet 60'
Slot Size - Inches .020	
Screen Type STAINLESS STEEL	Depth to Bottom - Feet 1044'

Driller's Remarks	
Dept. of Environmental Quality Office of Land & Water Resources	
Top of Lap Pipe or Reduction in Casing	
FEET	IF TELESOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	42	SAND/SHALE STKS	665	809
COURSE SAND	42	56	SANDY SHALE	809	930
COURSE SAND/PEA GR.	56	150	SAND/SHALE STKS	930	992
SAND	150	245	SAND	992	1050
SAND STKS OF CLAY	245	340	CLAY	1050	1126
SAND	340	404			
SANDY SHALE	404	470			
SAND STKS OF SHALE	470	539			
SAND	539	545			
GREEN SAND/SHALE					
AND ROCK STKS	545	665	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.