

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 Lamar	
WELL NUMBER 1	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 1/31/96	

PERMIT NUMBER MS-GW-14925
NAME OF DRILLING FIRM Layne-Central
Jackson, MS

NAME & MAILING ADDRESS OF LANDOWNER Lamar County Economic Development			
302 Main Street			
Purvis, MS			
WELL LOCATION NE/4	SEC 4	TOWNSHIP 2	RANGE 14
DISTANCE 1 Miles		DIRECTION N	
		NEAREST TOWN Purvis	
OTHER LANDMARK at elevated tank in industrial park			
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 100		
Pump Capacity (GPM) 500	No. of Stages 11	Setting Depth 380 FT.
PUMP TEST		
Well yielded 513 GPM with a drawdown of 62.4 ft. after 7 hours of pumping		

WELL DATA		
Well Depth 1282	Casing Diameter (In.) 12"	Casing Length (Ft.) 1260
Type of Casing Steel	Hole Depth 1282	Depth to Static Water Level 165
TYPE OF COMPLETION: (Circle One or More): Gravel Packed , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
WELL GROUTED TO A DEPTH OF 1260 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 Organization Running Log Layne	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches 8	Length - Feet 40	Slot Size - Inches .020
Screen Type SS Rod Base	Depth to Bottom - Feet 1277-1306	

Driller's Remarks Water has ≈ 40 units color	
Top of Lap Pipe or Reduction in Casing 1160 FEET	
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top Soil	0	5			
Red Sand	5	15			
Sand & Gravel	15	75			
White Clay	75	207			
Sand	207	232			
Clay	232	316			
Shale & Clay Streaks	316	690			
Clay, Sand, Shale Strk	690	860			
Sand	860	955			
Shale & Sand Streaks	955	1340			
Hard Lime	1340	1400			

RECEIVED
APR 08 1997
Dept. of Environmental Quality
Office of Land & Water Resources

using elog to determine screened interval.
APR 10/07

IF MORE SPACE IS NEEDED, USE BACK