

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED CLARKE		PERMIT NUMBER SW 14810
WELL NUMBER C 21	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM Layne-Central Co., <i>A Division of Layne, Inc.</i>
DATE WELL COMPLETED Dec. 1993		


NAME & MAILING ADDRESS OF LANDOWNER Clarkdale Water Assoc.		
5291 Hwy 45 South		
Meridian, MS 39301		
WELL LOCATION:	SEC 21	TOWNSHIP 4
		RANGE 16
		N S E W
DISTANCE	DIRECTION	NEAREST TOWN
2	South	Clarkdale
OTHER LANDMARK School		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.		

PUMP DATA		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P 50		
Pump Capacity (GPM) 300	No. of Stages 6	Setting Depth FT.
PUMP TEST		
Well yielded 329 GPM with		
a drawdown of 9.95 ft.		
after 4 hours of pumping		

WELL DATA		
Well Depth 1415	Casing Diameter (In.) 12"	Casing Length (Ft.) 1343'
Type of Casing Steel	Hole Depth 1423'	Depth to Static Water Level 234'
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, <input checked="" type="checkbox"/> Gamma Ray, Density, Sonic, Neutron, Other (Describe) _____	
Name of Organization Running Log Layne-Central Co.	

SCREEN DATA		
Diameter - Inches 8"	Length - Feet 60'	Slot Size - Inches 20
Screen Type Stainless Steel	Depth to Bottom - Feet 4'	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
 MAY 26 1994			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand	0'	90'	Sand & Shale	530'	540'
Clay	90'	112'	Lignite	540'	552'
Rock	112'	114'	Clay	552'	642'
Sand, rock, clay streaks	114'	130'	Clay	642'	747'
Shale	130'	230'	Sand & Clay	747'	792'
Sand & clay streaks	230'	275'	Clay & Sand streaks	792'	1117'
Sand & clay streaks	275'	300'	Sand	1117'	1147'
Clay	300'	390'	Sand	1147'	1300'
Lignite	390'	425'	Sand & clay streaks	1300'	1347'
Sand & clay streaks	425'	450'	Sand	1347'	1423'
Clay & shale	450'	530'			

IF MORE SPACE IS NEEDED, USE BACK