

Layne 22-8250

## MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

COUNTY WELL LOCATED	
Panola	
WELL NUMBER	CODED
3	
DATE WELL COMPLETED	
4/15/00	

PERMIT NUMBER
MS-GW-15530
NAME OF DRILLING FIRM
Layne-Central, a div of
Layne Christensen Co.

RECEIVED  
 APR 09 2001

Office of Land and Water Resources

P. O. Box 10631

Jackson, MS 39289-0631

Dept. of Environmental Quality WATER WELL DRILLERS LOG

NAME & MAILING ADDRESS OF LANDOWNER			
Eureka Water Association			
6790 Eureka Road			
Courtland, MS 38620			
WELL LOCATION	SEC	TOWNSHIP	RANGE
SE NW	201	810 S	87 W
DISTANCE	DIRECTION	NEAREST TOWN	
5.4 Miles	East	of Batesville	
OTHER LANDMARK			
Courtland			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc.			

Office of Land and Water Resources				
PUMP TYPE (Circle One):				
<u>Submersible</u>	Turbine	Jet	Flowing Well	
Other (Describe) _____				
POWER TYPE (Circle One):				
<u>Electric</u>	Tractor	Diesel	Gasoline	Butane
Other (Describe) _____				
Pump Capacity (GPM)	No. of Stages	Setting Depth		
200	6	231 FT.		
PUMP TEST				
Well yielded _____ 200 _____ GPM with				
a drawdown of _____ 100 _____ ft.				
after _____ 24 _____ hours of pumping				

## WELL DATA

Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
274'	12"	225'
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	284'	91'

TYPE OF COMPLETION: (Circle One or More):			
<u>Gravel Packed</u>	<u>Underreamed</u>	Telescoped	Other
(Natural Development, Open Hole, _____)			

WELL GROUTED TO A DEPTH OF 225 FEET	
Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix	

## SCREEN DATA

Diameter - Inches	Length - Feet	Slot Size - Inches
8"	40'	.015
Screen Type	Depth to Bottom - Feet	
Stainless Steel	274'	

## LOG DATA

TYPE OF LOG RUN (Circle One):		No Log Run		
<u>Electric</u>	Gamma Ray	Density	Sonic	Neutron
Other (Describe) _____				
Name of Organization Running Log				
Layne Geophysical Services				

## GEOLOGIC DATA (Office Use Only)

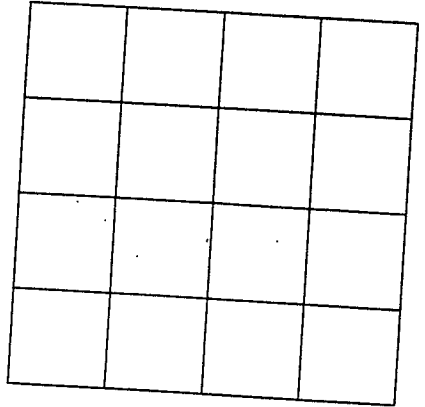
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET		IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Clay	0	8	Shale & Coarse Sand	155	158
Sand & Pea Gravel	8	27	Lignite, Shale, & Sand	158	165
Red Sand, Small Pea Gra	27	36	Streaks		
Coarse Sand	36	94	Coarse Sand, Lignite	165	170
Soapstone	94	95	Coarse Sand, Clay Strks	170	175
Coarse Sand, Small Grav	95	115	Coarse Sand, Clay	175	183
Coarse Sand, Clay Strks	115	135	Clay	183	229
Lignite, Clay Streaks	135	145	Fine Sand	229	235
and Coarse Sand			Coarse Sand	235	278
Coarse Sand, Lignite	145	153	Clay	278	284
Shale	153	155			

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.